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GARDEN
FARM & FLOWER SEEDS
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GARDEN, FARM & FLOWER SEEDS

CHAAPEL'S
SEED
STORE

39 EAST THIRD STREET

WILLIAMSPORT, PA.



1932
In Business
Fifty-five Years

Vegetable Seed Trials

FEB 11 1932

Look at the Index. It's easy to find what you want

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World-wide economic conditions are such that we must husband our resources, reduce our overhead, and buy and sell on a smaller margin. This season we are giving our customers better value for their money, have radically reduced our prices on seeds, and are still maintaining our high quality. We are able to do this by reducing our overhead cost and by decreasing the size of our Catalogue. The benefit of this saving we are giving our customers.

SEEDS FOR MARKET-GARDENERS

The steady increase of our business with market-gardeners from year to year is due to the quality of Chaapel's Seeds and the personal service of the management. Our local gardeners profit by this service, and that they appreciate it is evidenced by our increasing business with this critical trade.

Many of our customers, especially those living in Lycoming and adjoining counties, are acquainted with us personally; it's an honor to us, and a pleasure, to have you visit our store. Come in and make yourself at home. Ask us for information and make our store your headquarters while in Williamsport; if you can't come, be friendly and write occasionally.

We solicit your continued patronage on the merit of our seeds and the fairness of our prices.

**HARRY CHAAPEL
P. A. McGOWAN**

January, 1932

CHAAPEL'S SEED STORE

Use the ORDER SHEET and ENVELOPE Combined. It is Convenient

Greeting for 1932

BUSINESS last season (1931) was, generally speaking, very satisfactory indeed. We distributed more seeds to our customers than ever before, although at less profit, perhaps, because of our radically reduced prices and liberality in filling orders. We have been busy planning for the coming season and

YOU WILL BE INTERESTED

in our revised values, with prices scaled down wherever possible, because we are interested in doing our part to meet the prevailing economical conditions and anticipate the future with courage.

We have added many interesting varieties of Flower Seeds to our list and have put them up in attractively colored packets, showing how beautiful they are.

Note our special reduction on Flower and Vegetable Seeds in assorted packets of your selection in one order as follows:

10c pkts. Assorted, your selection, 5 pkts. or more, at 7c each
15c pkts. Assorted, your selection, 5 pkts. or more, at 12c each

In ordering pkts. offered above, use the net amount on order sheet.

Our prices of Flower and Vegetable Seeds, other than those noted, have been revised downward. They are very low and net as quoted, except we allow the usual liberal discount for cash on early orders for Vegetable Seeds in quantity, and a reasonable time to old and new customers on approved credit.

OUR OWN BULK SEEDS

Sometimes customers ask "Do you have loose or bulk seeds?" Sure! Our seeds are produced by practical seed-growers, largely in the western states, including California. After harvest they are shipped to us in bulk. In the winter months we put them up in attractive packages, carefully labeled, ready for our customers.

WE GUARANTEE the seeds we sell to be true to name and of high germination.

Seeds MUST be right, but it is just as necessary that the soil be suitable and well prepared, that the planting be done properly and at the right time, and that the weather be not too unfavorable.

By test we know that these seeds are of good vitality. To you is given to select the varieties, to prepare the soil and to give them proper care. Providence alone governs the weather.

Without additional cost to our customers, we guarantee the safe arrival at your home of the orders you send to us. Order early! Order all you can!

CHAAPEL'S SEED STORE

The Oldest Seed Store in Central Pennsylvania

HARRY CHAAPEL
P. A. McGOWAN

WILLIAMSPORT, PENNA.



Popular Flower Seeds

Each year the interest in flowers for garden and home decoration increases and more people turn to the growing of flowers for recreation and pleasure. Flower-lovers will find a number of new varieties in our lists this year, as well as all of the old friends. We have devoted most of our attention to the "annuals," that is, the kinds which grow, produce flowers, mature, and die the same season, since these are generally found most satisfactory in the average garden. Among the annuals are flowers for every purpose, tall and low-growing, trailing and climbing, for cutting and for garden display. All Flower Seeds are sent postpaid to your door.

All varieties not designated by HP are annuals, blooming the first season

HARDY PERENNIALS ARE DESIGNATED BY HP

There are a number of perennial varieties that will bloom the first season if sown very early; other varieties should be sown later, giving a continual riot of color year after year. Your attention is called to these extra good perennials which are described in the following pages. Find them in the index.

Alyssum saxatile compactum	Chinese Lantern Plant	Linum (Perennial Flax)
Aconitum (Monkshood)	Coreopsis lanceolata grandiflora	Lupine (Polyphyllus)
Aquilegia (Columbine)	Daisy, Shasta	Lychnis chalcedonica
Armeria (Sea Pink; Thrift)	Delphinium (Larkspur)	Platycodon (Balloon Flower)
Arabis (Rock Cress)	Digitalis (Foxglove)	Poppy, Oriental
Asters, Hardy	Forget-me-not	Potentilla (Cinquefoil)
Aubrieta (Rainbow Rock Cress)	Gaillardia (Blanket Flower)	Pyrethrum roseum
Bellis (English Daisy)	Gypsophila (Baby's Breath)	Sweet William
Canterbury Bells	Hollyhock	Statice (Sea Lavender)
Carnation, Marguerite	Honesty (Moonwort; Satin Flower)	Tunica
Carnation, Chabaud's Giant	Iberis (Candytuft)	Valeriana (Garden Heliotrope)
Double	Linaria (Kenilworth Ivy)	Wallflower

Most all of these are offered in 10-ct. pkts., 6 for 50 cts. Also in bulk at very low prices

FERTILIZERS MAKE FLOWERS GROW AND BLOOM

Most annual flowers, due to their short season of growth and profuse bloom, are heavy feeders and require an abundance of a quick-acting fertilizer. Nitrate of Soda and Sheep Manure are particularly adapted for this class of plants. The Sheep Manure should be applied at the time of planting; the Nitrate of Soda several times during the season. The perennial plants are slower growers and for that reason the less active fertilizers, such as Bone-Meal and our Special Garden Fertilizer, meet their requirements. Either should be applied at time of planting and supplementary applications should be made during the life of the plant. For prices see page 28.

Popular Annuals in Convenient Groups for a Choice

Annuals for Edgings

Ageratum	Pansy
Alyssum	Petunia
Aster	Phlox
Candytuft	Portulaca
Forget-me-not	Salvia
Marigold	Verbena
Nasturtium	Zinnia

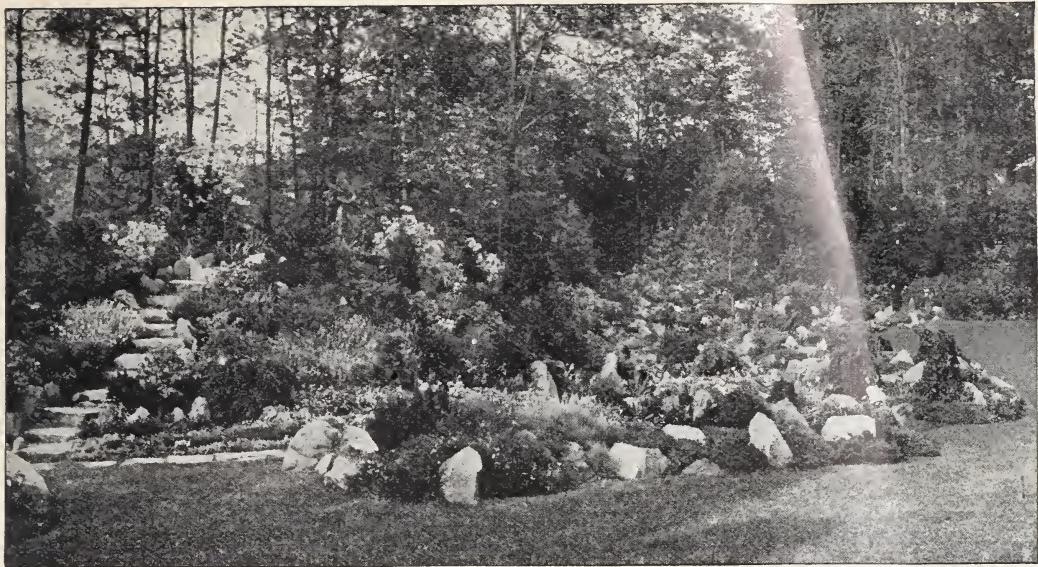
Annuals for Cut-Flowers

Antirrhinum	Marguerite
Aster	Marigold
Bachelor Button	Mignonette
Calendula	Phlox
Cosmos	Scabiosa
Gaillardia	Sweet Pea
Gypsophila	Zinnia

Annuals for Fragrance

Alyssum
Candytuft
Dianthus
Mignonette
Nicotiana

PRICE OF FLOWER SEEDS. All flower seeds are put up in large generous quantities in beautiful packets lithographed in colors with common sense cultural directions, and should not be compared to the common bargain seeds sometimes offered to attract attention. All 5-ct. packets, 6 for 25 cts.; all 10-ct. packets, 6 for 50 cts., entirely your selection. Prices for ounces or fractions of an ounce are very liberal for those who need more than packets



This delightful Rock-Garden holds hundreds of charming little plants

What Seed to Plant in the Rock-Garden

A rock-garden can be developed in different ways: all annual flowers from seed, all hardy perennial flowers from seed, or a combination of both. A combination of annuals and perennials is usually considered the best, because most of the low-growing and creeping hardy plants bloom early in the season. Unless at least half of the plants chosen are late summer and fall blooming, your garden will lack color after August 1. It is for this reason we advise using certain colorful annuals.

Of course, there are a few varieties of suitable hardy plants that flower late, and many of those that flower early have attractive foliage all season. In fact, some of the best plants for the rock-garden are used chiefly for their attractive foliage.

You may, of course, raise many of the hardy plants from seed, as most of them grow very easily. There are a few varieties, however, that require several weeks or even months to germinate. It is generally best to start the seed in boxes and later transplant them into the rockery. The most satisfactory varieties to grow from seed are here described. Planting a rock-garden is really a never-ending process of collecting rare, new, and suitable plants. This is what makes it a continual joy.

Suggestions for Your Rock-Garden

Hardy Perennials—Easily Grown from Seed

Alyssum saxatile compactum
Arabis alpina
Armeria (Sea Pink)
Aubrieta (Rock Cress)
Bellis (English Daisy)
Carnation (Marguerite)

Centaurea (Dusty Miller)
Geum, Mrs. Bradshaw
Helianthemum (Sun Rose)
Iberis (Hardy Candytuft)
Linaria (Kenilworth Ivy)
Matricaria (Feverfew)

Myosotis (Forget-me-not)
Pinks, Double
Sweet William
Tunica saxifraga
Viola (Tufted Pansy)
Wallflower, Siberian

SPECIAL COLLECTION: One pkt. of each (18 in all) for \$1.50

Annuals in the Rockery

The following is a list of those varieties of annuals we consider the best to use in rock-gardens.

Ageratum, Blue Perfection
Alyssum, White Carpet
Balsam (Lady's Slipper)
Brōwallia (Amethyst)
Cacalia (Tassel Flower)
Calliopsis, Dwarf Mixed
Candytuft
Chrysanthemum

Dianthus Hedgewigi
Four o'Clock (Marvel of Peru)
Lobelia compacta
Marigold, Dwarf French
Mesembryanthemum (Ice-Plant)
Mignonette, Sweet-scented
Petunia, Bedding

Phlox Drummondi
Phlox, Starred and Fringed
Poppy, California
Portulaca, Double
Portulaca, Single
Verbenas
Zinnia, Pompon Varieties

SPECIAL COLLECTION: One pkt. of each (22 in all) for \$1.80

Rock-Garden Mixtures

For your convenience we offer packets of Rock-Garden Seeds in mixture as above.

Annual Varieties, Choice Mixed. Pkt. 10 cts. **Perennial Varieties, Choice Mixed.** Pkt. 15 cts.

To germinate fine vegetable and flower seed, sow seeds on top of ground, press into the soil, put a damp burlap bag over the seed. Do not allow it to dry out; keep moist. Remove bag when seeds are up.



Branching Aster



Giant Crego Aster



Queen of the Market Aster

Special Long-branching Aster

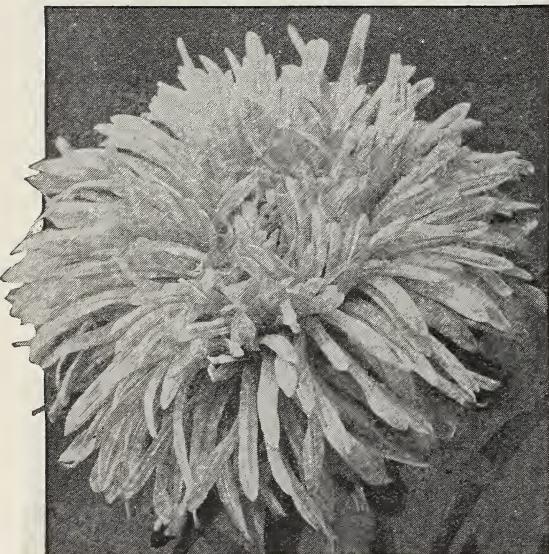
The plants are large and vigorous, the stems long and strong, and the great fluffy flowers, as we now grow them, are double to the center.

Shell-Pink	Lavender	Purple
White	Rose-Pink	Choice Mixed
Pkt. 10 cts., 3 pkts. 25 cts., $\frac{1}{4}$ oz. 50 cts.		

Queen of the Market Aster

Largely grown by commercial florists for cut-flowers and for early market. The plants have an open, spreading habit, and the large, double flowers have a loose and graceful appearance. Seed should be sown quite early in the house. **Mixed.** Pkt. 10 cts., 3 pkts. 25 cts., $\frac{1}{4}$ oz. 35 cts.

Special prices to florists and market-gardeners



New California Giants

In this splendid new strain, the earliness and the beautiful fluffy Comet type of flower of the Crego Asters is combined with the giant size and vigor of the American. The flowers are full-centered and substantial, averaging 5 to 6 inches across, and produced on stout stems $1\frac{1}{2}$ to 2 feet long without disbudding. Our seed is direct from the California growers. **Finest Mixed, all colors.** Pkt. 15 cts., $\frac{1}{8}$ oz. 60 cts., $\frac{1}{4}$ oz. \$1.

Giant Crego or Comet Aster

The twisted and curled petals give the flower the appearance of a huge, flat chrysanthemum. Flowers often 5 inches in diameter. The strong, erect stems average 20 to 24 inches in length.

White	Rose-Pink	Purple
Shell-Pink	Lavender	Mixed
Pkt. 10 cts., 3 pkts. 25 cts., $\frac{1}{4}$ oz. 50 cts.		

Ball's White. Florist's White Aster

Large, white Aster whose flowers are supposed to be so full and double that the petals appear to be heaped on top of each other. The stems are stiff and non-lateral. Pkt. 15 cts., $\frac{1}{8}$ oz. 60 cts., $\frac{1}{4}$ oz. \$1.

Fall-flowering Hardy Asters Michaelmas Daisies

These are among the showiest of our late-flowering hardy plants, giving a wealth of bloom during September and October, a season when most other hardy flowers are past, and for the best effect should be planted in masses. They grow freely in any soil. Height, 3 feet. **Choicest Mixed Varieties.** Pkt. 15 cts., $\frac{1}{8}$ oz. 30 cts.

Crimson Giant. A Dark Crimson Aster

This is a striking color, brilliant crimson, which goes well with the massiveness of the well-formed flowers. Pkt. 10 cts., $\frac{1}{8}$ oz. 30 cts., $\frac{1}{4}$ oz. 50 cts., $\frac{1}{2}$ oz. 85 cts.

Moreton Pink

The only Aster of this color—a rich, clear, cerise-pink that is most attractive. The flowers are large, full, double, with long twisted petals. Pkt. 10 cts., $\frac{1}{8}$ oz. 30 cts., $\frac{1}{4}$ oz. 50 cts.

Heart of France. A Pure Red Aster

This beautiful new variety opens as red as the purest ruby, deepens with age and retains its remarkable color to the very end. The petals appear strikingly changeable, at one time showing a glow and sheen quite unique, and at another a soft, warm, velvety texture. Its flowers command instant admiration and the plants are of the branching type, of very robust habit. $1\frac{1}{2}$ to 2 feet tall. The stems are long with few laterals. Pkt. 15 cts., $\frac{1}{8}$ oz. 60 cts., $\frac{1}{4}$ oz. \$1.

New Sunshine Aster

The flowers have long, wavy petals and a cushion center of small, feathery quills of a different shade. Plants sturdy and strong, with long, stiff flower-stems. **Mixed Colors.** Pkt. 15 cts., 2 pkts. 25 cts.



African Golden Daisy



Ageratum



Blue Lace Flower

African Golden Daisy (*Dimorphotheca aurantiaca*)

An extremely showy annual Daisy from South Africa, which suits our climatic conditions perfectly. The bushy plant grows 12 inches high, and the flowers, which are $2\frac{1}{2}$ inches across, are a rich glossy orange-yellow, with dark disc and halo. Blooms continuously. Pkt. 10 cts., $\frac{1}{8}$ oz. 20 cts.

Ageratum • Floss Flower

Blue Perfection. Valued for its pretty, deep lavender-blue flowers which are borne in great profusion. Height, 1 foot. Pkt. 10 cts., $\frac{1}{8}$ oz. 30 cts.

Agrostemma • Rose of Heaven; Mullein Pink HP

Coronaria. An attractive free-flowering hardy perennial of easy culture, producing glowing crimson flowers like a single pink, and silvery white foliage. Blooms the first season. Fine for cutting. Height, 2 feet. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Alyssum

White Carpet. Dwarf, compact plants, densely covered with large, pure white flowers. Height, 4 inches. Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts., oz. 75 cts.

Sweet. The popular old-fashioned sort, the best for broad edges and vases; pure white. Height, 6 inches. Pkt. 5 cts., $\frac{1}{8}$ oz. 15 cts., oz. 40 cts.

Saxatile compactum. Golden Tuft. HP. A useful little border and rockery plant growing not over 12 inches high, covered with enveloping flat clusters of bright golden yellow flowers early in summer. Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts., $\frac{1}{4}$ oz. 40 cts.

Arabis • Rock Cress HP

Alpina. A hardy perennial and one of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequalled for rockeries or edging; withstands the drought and is always neat. Height, 6 to 9 inches. Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts., $\frac{1}{2}$ oz. 40 cts.

Armeria • Sea Pink; Thrift HP

Formosa. A very pretty edging plant, bearing rosy pink flowers. Height, 1 foot. Pkt. 15 cts., $\frac{1}{16}$ oz. 40 cts.

Aubrieta • Rainbow Rock Cress HP

Pretty, dwarf-growing plants suitable for the rockery or for the edge of the border. They form masses of silvery green foliage and sheets of various colored flowers in spring and early summer. **Mixed.** Pkt. 15 cts., $\frac{1}{8}$ oz. 45c.

Blue Lace Flower (*Didiscus caerulea*)

You will be delighted with this easily grown annual. Carried on stems 2 feet long are broad, lace-like heads composed of many delicate light blue flowers. Excellent for garden display and for cutting, bearing a profusion of flowers from June until September. Pkt. 10 cts., $\frac{1}{8}$ oz. 40 cts.



Alyssum



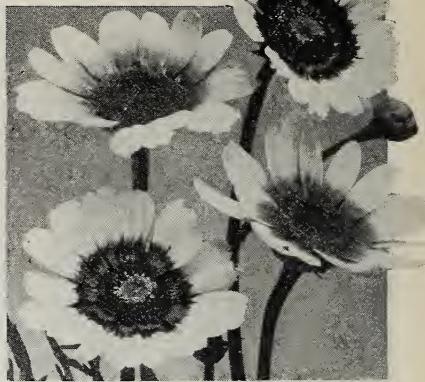
Aubrieta



Chinese Lantern Plant



Gaillardia



Single Annual Chrysanthemums



Browallia



Bachelor's Buttons

Browallia · Amethyst

Browallias are excellent for planting in mixed borders or porch-boxes. They make a wonderful display with their profusion of bright blue and pure white blooms. Pkt. 10 cts., $\frac{1}{8}$ oz. 35 cts.

Balsam · Lady's Slipper

An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliantly colored, double flowers in the greatest profusion; of easy culture. **Choice Mixed Colors.** Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Blanket Flower · Gaillardia

The heads of star-shaped, tufted flowers are greatly admired for their rich blending of red, yellow, and orange. Height, 1½ feet.

Annual Varieties, Mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Indian Chief. An elegant, showy single-flowering annual variety with metallic red petals, surrounding a mahogany-brown center. Large and free blooming. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Hardy Perennials, Mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Bachelor's Buttons or Cornflower

(*Centaurea cyanus*)

The new double Cornflowers, or Bachelor's Buttons, make most excellent flowers for both the bouquet and garden. The flowers are double, of good clear colors, and with long, graceful stems for cutting.

Double Blue. Clear cornflower-blue. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Double, Mixed Colors. All shades. Pkt. 10 cts., $\frac{1}{4}$ oz. 15 cts.

Chrysanthemum, Single Annual

Blooming profusely from early summer until frost, they are most effective and showy. The bright-colored, daisy-like flowers are useful for cutting, lasting well in water. Height, 1 to 1½ feet.

Single Mixed. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts.

Chinese Lantern Plant (*Physalis Franchetii*) HP

A very highly interesting hardy perennial plant growing 2 feet high, covered with bright orange-scarlet fruits resembling Chinese lanterns. These fruits may be cut and dried for winter bouquets. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts., $\frac{1}{2}$ oz. 90 cts.

Cacalia · Tassel Flower

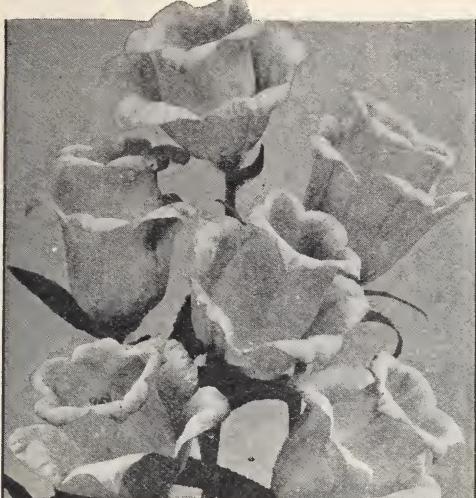
A half-hardy annual of easy culture, with tassel-shaped flowers from July to September. Fine for borders. Height, 1½ feet.

Mixed Colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., $\frac{1}{2}$ oz. 40 cts.

English Daisy (*Bellis perennis*) HP

Dwarf, early spring-blooming favorites; very double. Fine for borders, requiring partial shade in hot weather. Height, 4 inches.

Finest Mixed. Pkt. 10 cts., $\frac{1}{8}$ oz. 45 cts.



Canterbury Bells



Extra-Early Giant Cosmos

Canterbury Bells HP

Campomanula calycanthema. The true Cup-and-Saucer Canterbury Bells. White, Pink, and Blue. Pkt. 10 cts., $\frac{1}{8}$ oz. 30 cts., $\frac{1}{4}$ oz. 50 cts.

Campomanula medium (Single Canterbury Bells). The old-fashioned sorts, with beautiful, large, bell-shaped blossoms. Height, 2 feet.

Mixed Colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 40 cts.

Centaurea · Silver Leaf Dusty Miller HP

Low-growing white-leaved perennial varieties, used for ornamental bedding, edging, vases, etc. Height, 12 to 15 inches.

Candidissima. Leaves silvery white, much divided. Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts., $\frac{1}{4}$ oz. 45 cts.

Hardy Coreopsis HP

Lanceolata grandiflora. Beautiful hardy perennials that grow 15 to 18 inches high and produce their golden yellow flowers in great profusion. Easily grown from seed, flowering the first year if sown early. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Annual Calliopsis

Tall, Mixed. Contains large- and small-flowered varieties in many bright colors. Height, 2 to 3 feet. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts.

Dwarf, Mixed. Yellow, orange, and mahogany, as well as tiger-flowered plants of dwarf growth. Height, 15 inches. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts.

Cosmos

Extra-Early Giant, Mixed. Seed sown early will produce plants covered with fine flowers two months before the late-flowering kinds. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts., oz. 60 cts.

Double-Crested, Mixed. A new and distinct type of early, large-flowering Cosmos, the center being full double, giving a crested effect. A well-balanced mixture. Pkt. 15 cts., $\frac{1}{8}$ oz. 25 cts.

Early Express Pink. An extra-early Cosmos flowering in from 45 to 50 days from the time seed is planted. Plant grows about 2½ to 3 feet high and is covered with medium-sized bright pink flowers. Pkt. 15 cts., $\frac{1}{8}$ oz. 30 cts., $\frac{1}{4}$ oz. 50 cts.



Double-Crested Cosmos



Silver-leaved Centaurea

Columbine · Aquilegia HP

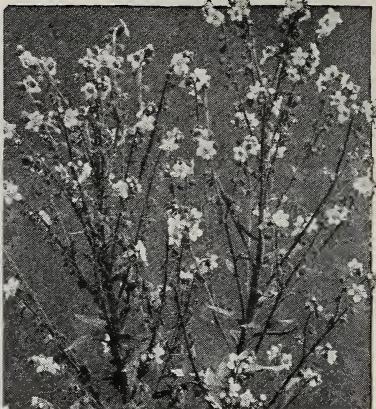
One of the most popular perennials, easy of cultivation and flowering from May to August. Very desirable for herbaceous borders and groups among shrubbery.

Single, Finest Mixed. Pkt. 10 cts., 3 pkts. 25 cts., $\frac{1}{8}$ oz. 40 cts.

Caerulea (Rocky Mountain Columbine). Long-spurred blossoms of a soft lavender-blue and white combination are produced in May and June. Very effective combined with pinks and yellows. Pkt. 20 cts., $\frac{1}{8}$ oz. 55 cts.



Giant Hyacinth-flowered Candytuft



Cynoglossum

Cockscomb (*Celosia cristata*)

As showy and attractive an annual as can be imagined. Of decidedly odd appearance, with a tremendous head or comb of velvety finish but of a strawy touch. Good for the garden and for cutting.

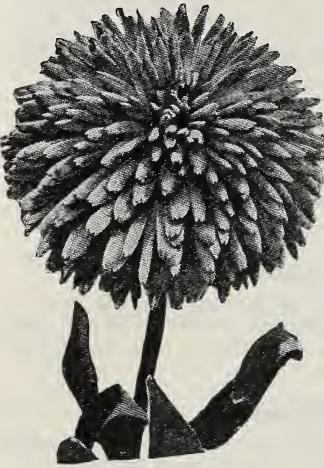
Glasgow Prize. Immense, showy, dark crimson combs. Height, 1 foot. Pkt. 10 cts., $\frac{1}{8}$ oz. 35 cts.

Candytuft

A very hardy, easily grown little annual that is a universal favorite for beds and masses. Successive sowings should be made during the summer, while the last sowing in the autumn will produce flowers early in the spring. Height, 1 foot. One packet will sow 15 feet.

Giant Hyacinth-flowered or Imperial Empress. The finest of all white varieties. The long, heavy spikes of large flowers resemble a white hyacinth. Pkt. 10 cts., $\frac{1}{8}$ oz. 20 cts., oz. 60 cts.

Mixed Colors. A special mixture we make up of a number of separate colors, assuring a well-balanced assortment. Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts.



Campfire Calendula

Hardy Candytuft (*Iberis*)

The Iberis or Candytuft is very desirable for the hardy perennial border, growing 1 foot high, with mixed flowers. Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts., $\frac{1}{8}$ oz. 40 cts.

Carnation, Chabaud's Giant Double HP

They excel any strains we have ever seen. Coming into flower in four to five months after planting the seed, they continue to bloom the remainder of the summer until frost. Plants are of robust, upright habit. They form ten to twenty stalks bearing huge flowers comparing with the finest greenhouse-grown varieties. Highly scented.

Finest Mixed. Pkt. 15 cts., $\frac{1}{8}$ oz. 50 cts., $\frac{1}{8}$ oz. 85 cts.

You can't grow crops year in and year out unless you put back into the soil the plant-food elements removed by each season's crop.

Sacco and Vigoro Plant-Food Makes Things Grow

These Plant-Foods are specially prepared fertilizers that supplies every necessary element for healthy plant-growth—Nitrogen, Phosphates, and Potash combined in exactly the right proportions. They produce truly amazing results with few applications. See page 28 for prices, etc.

Calendula · Pot Marigold

Campfire (Sensation). A truly sensational variety. The very double, brilliant orange flowers have a delicate crimson or scarlet sheen. Their characteristic flatness accentuates their unusual size. They are borne on long stems of good cutting length. Pkt. 20 cts., $\frac{1}{8}$ oz. \$1, $\frac{1}{8}$ oz. \$1.75.

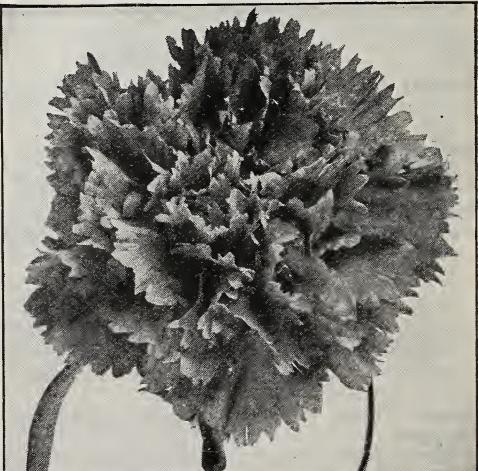
Ball's Gold. The finest and largest double bright yellow. Pkt. 20 cts., $\frac{1}{8}$ oz. \$1.

Orange King. An extra-fine strain of this splendid, double, rich orange-red variety, producing flowers over 3 inches in diameter. Pkt. 10 cts., $\frac{1}{8}$ oz. 20 cts.

Mixed, All Double Sorts. Pkt. 10 cts., $\frac{1}{8}$ oz. 15 cts.

Cynoglossum Chinese Forget-me-not

An annual of the easiest culture, forming strong, bushy plants 1½ feet high and producing sprays of intense blue and white forget-me-not-like flowers throughout the summer. Sow outdoors in May. Pkt. 15 cts., $\frac{1}{8}$ oz. 25 cts.



Carnation, Chabaud's Giant Double

Marguerite Carnation HP

An improved, large-flowering strain of Pinks, blooming in three to four months after sowing. The flowers are very fragrant, and last for a long time when cut. **Mixed Colors.** Pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts.

Castor-Oil Bean · Ricinus

Plants of stately growth and picturesque foliage, combined with brilliant colored fruit, producing an oriental effect. Fine for lawns and pleasure-grounds. Height, 8 to 12 feet. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts.

California Poppy · Eschscholtzia

Eschscholtzias are among our most beautiful and popular annuals, being of the easiest culture. Spring-sown seeds flower profusely from July until late autumn. An invaluable bedding plant. Sow the seed where the plants are to remain. Height, 1 foot.

New Hybrid, Mixed. This mixture has been saved from a number of new sorts of wonderful colorings, including old-gold, fire-red, cream, and many other rich and unusual tones. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts., $\frac{1}{4}$ oz. 30 cts., oz. \$1.

Aurantiaca. Rich golden orange. This is the true California Poppy that the tourists rave so much about. It is, perhaps, the most desirable where one color is wanted. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts., $\frac{1}{4}$ oz. 30 cts., oz. \$1.



California Poppies

Cardinal Climber

(*Ipomea quamoclit hybrida*)

A brilliant and beautiful climber, growing rapidly and attaining a height of 30 feet. Foliage fern-like; flowers cardinal-red, $1\frac{1}{2}$ inches across, borne in clusters and produced in great profusion. Soaking the seed or notching the seed-coat will hasten germination. Pkt. 10 cts., $\frac{1}{4}$ oz. 45 cts.

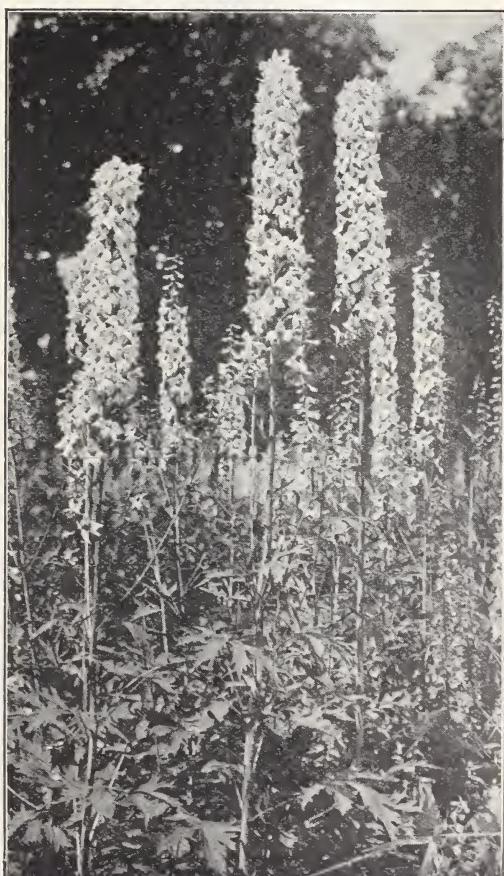
Delphinium · Hardy Larkspur HP

One of our most showy and useful hardy perennial plants, possessing almost every requisite for the adornment of the garden, producing splendid spikes of flowers in profusion throughout the summer.

Belladonna. This is one of the most free and continuous blooming varieties. Immense spikes of lovely pale blue. Height, 4 feet. Pkt. 20 cts.

Bellamosa. A very dark blue variety of particular value for deliberate dark blue mass effect, and a striking contrast in connection with the azure shade of Belladonna. Pkt. 20 cts., 2 pkts. 35 cts.

Gold Medal Hybrids. Plants vigorous, free-blooming, with flower-spikes 2 feet long. Grand assortment of colors in mixture, ranging from lightest blue to purple. Pkt. 15 cts., 2 pkts. 25 cts., $\frac{1}{4}$ oz. 40 cts.



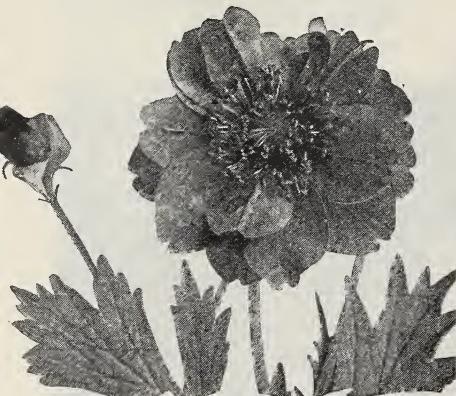
Delphiniums

We sell only the best grade of seed, tested for purity and vitality—put up in liberal quantity in beautifully colored lithographed packets with reliable directions for culture. See page 1 for Special Prices on Assorted Packets.

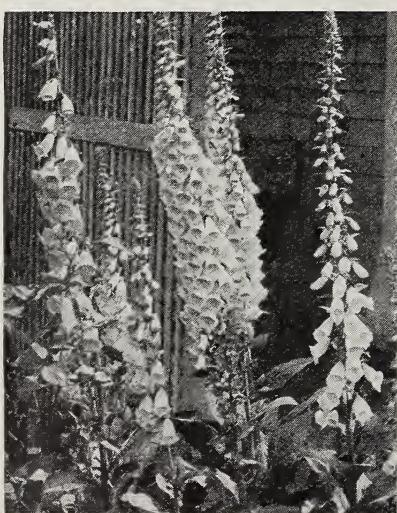
To germinate fine vegetable and flower seed, sow seeds on top of ground, press into the soil, put a damp burlap bag over the seed. Do not allow it to dry out; keep moist. Remove bag when seeds are up.



Double and Single Japan Pinks



Geum chiloense, Mrs. Bradshaw



Foxglove

Dianthus · Pinks

A most satisfactory class of flowers, easily raised from seed, which are in constant bloom the entire season; fragrant.

Hedewigi (Single Japan Pink). Finest single-flowered.

Mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Hedewigi fl.-pl. (Double Japan Pink). Colors varying from the richest crimson to the most delicate rose. **Mixed.** Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Forget-Me-Not (*Myosotis palustris*) HP

Beautiful little half-hardy perennials with star-like flowers the first year from seed. Succeed best in a shady situation. Height, 6 inches. Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts.

Four o'Clock (*Marvel of Peru*)

A well-known garden favorite of bushy habit bearing, during the season, hundreds of white, yellow, crimson, and violet flowers. Height, 2 feet. **Fine Mixed.** Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts.

Foxglove · Digitalis HP

Handsome and highly ornamental, hardy perennial plant, of stately growth and varied colors. Height, 3 feet. See cut.

Fine Mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

GAILLARDIA. See Blanket Flower.

Geum HP

Mrs. Bradshaw. An attractive perennial, growing 2 feet tall and bearing double orange-scarlet flowers during summer. (See illustration.) Pkt. 15 cts., $\frac{1}{16}$ oz. 45 cts.

Gypsophila · Baby's Breath

Annuals and early-flowering perennials, bearing graceful panicles of small flowers that are elegant for cutting and for bunching with other flowers.

Elegans alba grandiflora. An improved form of the annual Baby's Breath. Pure white, large flowers. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Paniculata. HP. White single flowers, fine for bouquets; hardy perennials. Blooms first year if sown early. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts.

Paniculata flore-pleno. HP. The double-flowering form that is dried and used in winter bouquets. This is the best strain, giving 65 per cent double flowers from seed. Pkt. 15 cts., $\frac{1}{8}$ oz. \$1.

Courds

Ornamental Varieties, Mixed. Includes a great number of interesting and diverse forms of the Gourd family. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

Hollyhock HP

Chater's Superb Double Mixed. One of the most popular and desirable of hardy perennial plants; excellent for planting among shrubbery or forming a background for other flowers. Height, 6 to 7 feet. Pkt. 10 cts., $\frac{1}{8}$ oz. 30 cts., $\frac{1}{4}$ oz. 50 cts.

Single Mixed. Probably the most showy of the many good old-fashioned flowers. Pkt. 10 cts., $\frac{1}{4}$ oz. 15 cts.

Honesty · Lunaria (*Moonwort; Satin Flower*)

Biennis. Hardy biennials, but grown as annuals. Admired for their silvery seed-pouches which are used for house ornaments, as they present a beautiful and rather curious appearance. Height, 3 feet. Pkt. 10 cts., $\frac{1}{8}$ oz. 20 cts.

Helianthemum · Sun Rose HP

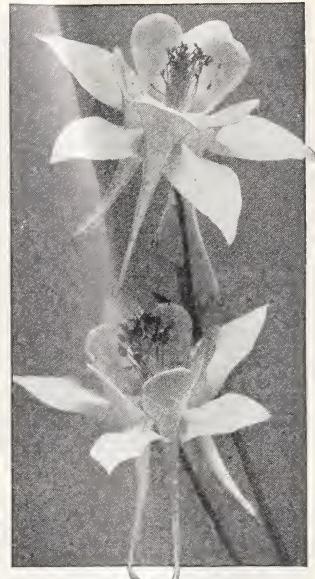
Mutabile. An excellent, dwarf, creeping perennial for dry soils. Flowers in rose, pink, and white during May and June. Hardy and free blooming, but should be sown right out in the open where to bloom. Pkt. 10 cts., $\frac{1}{16}$ oz. 25 cts., $\frac{1}{8}$ oz. 40c.



Nicotiana, Flowering Tobacco



Larkspur, Empress Rose



Aquilegia, Columbine

Hyacinth Bean · *Dolichos*

Rapid-growing climber, bearing a profusion of bean-like flowers. **Mixed.** Pkt. 10 cts., oz. 15 cts.

Ice Plant

(*Mesembryanthemum*)

The leaves appear as if covered with a coating of thin ice. This annual plant is grown among other annuals or perennials as a ground cover and is particularly suited for the rock-garden or hanging-baskets. The small, inconspicuous flowers are either white or light pink. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

New Annual Larkspur

Empress Rose. A rich rhodonite-pink changing to hermosa-pink with no trace of mauve. This magnificent new strain is a double, everblooming, super-branching Larkspur and grows over 6 feet tall. The mammoth florets are well placed on the stem, not overcrowding, and coming practically 100 per cent true. As a cut-flower, Empress Rose is unsurpassed for color, keeping qualities, and for its tall-branching habit. See picture above. Pkt. 15 cts., $\frac{1}{8}$ oz. 25 cts., $\frac{1}{4}$ oz. 50 cts.

Annual Larkspur, Mixed Choice Colors. Fine for cutting. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts.

Leptosiphon

Hybridus. A fine annual rock-plant 3 inches high, forming dense cushions studded with dainty flowers ranging in color from yellow to rose-scarlet. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts., $\frac{1}{2}$ oz. 50 cts.

Lobelia

A most excellent and useful genus of annual plants, easy of culture and well adapted for bedding, hedging, hanging-baskets, pots, or rockeries. Seed should be covered lightly. **Blue.** Pkt. 15 cts., $\frac{1}{8}$ oz. 40 cts.

Linaria · Kenilworth Ivy HP

Cymbalaria. An excellent perennial plant with small, bright green leaves and attractive little lilac-blue flowers. It will form a solid mass or cover and is excellent for rock-gardens. Pkt. 15 cts., $\frac{1}{8}$ oz. 45 cts., $\frac{1}{4}$ oz. 75 cts.

Perennial Flax · *Linum*

Sibiricum. Large, beautiful, light blue flowers, borne profusely during June, July, and August. The attractive blooms last only for one day, but they are borne continuously for many weeks. The plants grow from 15 to 24 inches tall. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., $\frac{1}{2}$ oz. 40 cts., oz. 70 cts.

A Few Good Books Which Will Help You

VEGETABLE GARDENING. By R. L. Watts. This complete, concise, and authentic book covers every phase of vegetable gardening. 512 pages. Cloth. \$2.75, ppd.

Roadside Marketing. By Gilbert S. Watts. Increase your profits from the roadside market. Information on structures, packing, grading, displaying, managing, and advertising. 126 pages. Cloth. \$1.25, postpaid.

THE BOOK OF ANNUALS. By Prof. Alfred C. Hottes. A reliable guide through the season of annual bloom. Over 100 separate species are described with full directions for their culture and uses. 182 pages. Cloth. \$1.65, postpaid.

A LITTLE BOOK OF PERENNIALS. By Prof. Alfred C. Hottes. Devoted to the general principles of growing, using, selecting and propagating perennials. 200 pages. Cloth. \$1.65, postpaid.

1,001 GARDEN QUESTIONS ANSWERED. By Prof. Alfred C. Hottes. Every problem confronting the home-gardener is satisfactorily answered. Covers flowers, fruits, vegetables, the home grounds, etc. Cloth. \$2.15, postpaid. **Paper bound.** \$1.10, postpaid.

GARDEN GUIDE. A book for gardeners everywhere, giving direct, simple and reliable information on how to grow fruit, vegetables and flowers. Illustrated. 384 pages. Cloth. \$1.65, postpaid.

ROCK GARDENS. By F. F. Rockwell. How to build a rock garden on a small or large scale at little expense. 86 pages. Cloth. \$1 postpaid.

Catalogue of Books on Request



Lupinus polyphyllus



Lantana



French Marigolds



Mexican Fire-Bush

Lupinus · Lupine

Lupines are showy plants, a little out of the ordinary, with handsome, conspicuous flowers, borne in terminal racemes, somewhat resembling the sweet pea. Do not attempt to transplant the annual sorts.

Hartwegi, Annual, Finest Mixed. Choice assortment of colors. Height, 2 feet. Pkt. 10 cts., oz. 25 cts.

Polyphyllus, Hardy Perennial, Finest Mixed. Various shades of Pink, Purple, Blue, and White. If sown early will bloom the first season. Height, 3 feet. Pkt. 10 cts., oz. 30 cts. (See illustration.)

Lantana

Hybrida, Mixed. Shrubby plant with verbena-like flowers in shades of white, red, and yellow with an agreeable aromatic perfume. May be grown in pots or set out in summer. Remains in bloom late in autumn. Height, 2 feet. Pkt. 15 cts., $\frac{1}{2}$ oz. 25 cts. (See illustration.)

Lychnis HP

Chaledonica (Maltese Cross). Bright scarlet flowers of maltese cross form, usually in medium-sized, flat umbels. Handsome for beds and borders. Of easy culture, growing in any rich garden soil, blooming the first year if sown early. Height, 2 to 3 feet. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., $\frac{1}{2}$ oz. 40 cts.

Marigold

Old-fashioned annuals, rich and showy, blooming continually all summer; excellent for bouquets and a beautiful garden plant.

Giant African, Double. Height, 3 feet. All shades of yellow. **Finest Mixed.** Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

French Dwarf, Double, Mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts. (See cut.)

Mexican Fire-Bush or Summer Cypress (*Kochia*)

An easily grown annual which forms a cypress-like hedge, with feathery green foliage. At the approach of autumn the foliage turns to a deep red color. Height, 2 to 3 feet. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts.

Matricaria · Double Feverfew

Parthenoides capensis plena. Free-flowering plants producing, all season, fine, densely double, button-like blossoms in white and yellow. Height, 10 to 12 inches. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.

Mignonette, Sweet-scented

Valuable on account of its fragrance. Sow in succession during the summer. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts.

SPRAY THE BUGS—SAVE THE FLOWERS

Morning-Glories

Fine for covering fences and trellises on account of their rapid, luxuriant growth. They bloom freely. **Japanese Imperial.** Flowers of immense size in a great variety of colors. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts.

Nigella • Love-in-a-Mist

Lovely garden annuals, with finely cut green foliage, and curious-looking flowers and seed pods.

Damascena. Blue; double. Height, 1 foot. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts.

Nicotiana • Flowering Tobacco

Affinis. New hybrids. The plants average $2\frac{1}{2}$ feet in height and bloom profusely in shades of rose, red, crimson, and creamy white. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Nasturtiums

Our Gilt-Edge Mixtures are especially rich in brilliant colors, large flowers and free-blooming qualities. For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil in a well-drained, sunny position. They seem to flourish under the most trying conditions, and the more often the flowers are cut, the more profusely do they bloom. If you want large flowers and plenty of them, do not let them go to seed.

Tall or Climbing, Choicest Mixed.

Tom Thumb Dwarf, Choice Mixed.

$\frac{1}{2}$ oz. 10 cts., oz. 15 cts., 3 ozs. 35 cts., lb. \$1.25

Phlox Drummondii

One of our finest hardy annuals; easily grown from seed. Makes a brilliant display as a summer bedding plant and often reseeds itself the following year.

Mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts.

Starred and Fringed. This lovely type is quite a unique departure from the ordinary Phlox in that the flowers are artistically starred and fantastically fringed. Includes pink, rose, and various shades of red. Pkt. 15 cts., $\frac{1}{8}$ oz. 40 cts.

Pentstemon • Beard Tongue

Very showy plants growing from 2 to 4 feet high, rather bushy, with very long, slender spikes bearing many trumpet-shaped flowers with hairy throats, hence the name "Beard Tongue." Pkt. 15 cts., $\frac{1}{16}$ oz. 35 cts., $\frac{1}{8}$ oz. 55 cts.

Platycodon • Balloon Flower HP

The unopened buds resemble miniature balloons, opening up as deep-throated, $1\frac{1}{2}$ to 2-inch bells. Plants grow 2 to 3 feet high and bloom profusely over a long season. Plants from seed sown in early spring will bloom in August. **Mixed.** Blue and White. Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts.

Pyrethrum • Painted Daisy HP

Roseum. Showy plants that bloom the first season if seed is sown early. Flowers single, daisy-like and double globular, 2 to 3 inches across, white, rose, crimson, and scarlet. The foliage is fine-cut and ferny. Height, 2 ft. Pkt. 15 cts., $\frac{1}{8}$ oz. 40 cts.

Portulaca • Moss Rose

Dwarf-growing plants of easy culture, thriving best in a light, sandy soil and a sunny situation.

Single Mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Double Mixed. Unsurpassed for brilliancy. A wide range of colors—orange, red, and white. Pkt. 10 cts., $\frac{1}{16}$ oz. 30 cts.



Dwarf Nasturtiums



Pentstemon



Platycodon



Petunia, Giants of California

Balcony Petunias

These large and beautiful Petunias were bred to produce a wealth of bloom when grown in porch or window-boxes, or garden vases; when grown in beds or borders they produce pleasing, striking effects.

Blue, Rose, White, and Crimson. Each, pkt. 15 cts.

Above 4 Balcony Petunias for 50 cts.

Balcony Choice Mixed. Pkt. 15 cts., $\frac{1}{8}$ oz. 75 cts.

Rosy Morn. Light carmine-pink. Popular for porch-boxes and borders. Pkt. 10 cts., $\frac{1}{8}$ oz. 60 cts.

Howard's Star Improved

This improved strain produces somewhat larger flowers than others in this class. The plants bear a profusion of blooms that have a five-pointed white star on a purple-crimson ground. It has a tendency to vary. Pkt. 15 cts., $\frac{1}{16}$ oz. 40 cts., $\frac{1}{8}$ oz. 65 cts.

Single Bedding Petunias

Everyone has room for some Petunias, either in porch- or window-boxes, beds, borders, or rockeries.

Choice Mixed. Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts.

Pansies

Large-flowering Mixed. A great diversity of colors. Pkt. 10 cts., 3 pkts. for 25 cts., $\frac{1}{8}$ oz. 40 cts.

Giant-flowering Mixed. This mixture is composed of giant-flowering sorts having many of the colors and different patterns found in the named varieties both as regards to size, texture and colorings. Pkt. 25 cts., $\frac{1}{16}$ oz. 50 cts.

Tufted Pansies • Violas

While the flowers of the Tufted Pansies are not so large as the regular type, yet they bloom so freely that they are superior to pansies where effect is wanted, the colors being particularly clear and distinct; they also bloom for a longer time. Seed sown in April produces flowering plants by June, and from then on until frost they are a sheet of bloom. Height, 8 inches.

Mixed. A splendid mixture of the best varieties. Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts.

**Petunias
Giants of California**

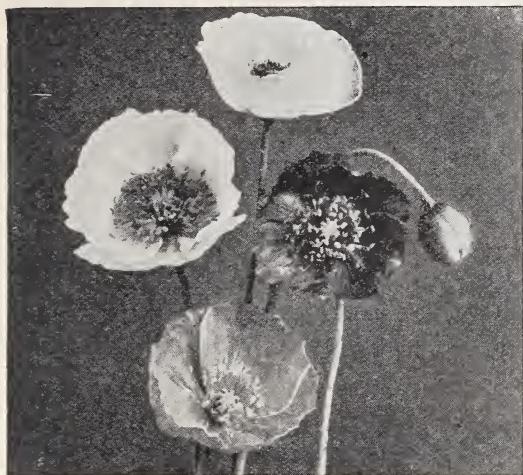
Giant-flowered Ruffled Varieties. Vigorous growers of semi-trailing habit, with flowers which often measure 4 inches across. Many light shades, mostly with blotches and pencil-markings of a different color in the throat. A superb strain. Pkt. 25 cts.

Double Petunia, Fancy Fringed

An excellent, carefully hand-polished strain, yielding a large percentage of plants having double, finely fringed flowers. Embraces a splendid variety of colors and many beautiful combinations. The seed of this is extremely costly. Small pkt. 35 cts.



Violas or Tufted Pansies



Annual Poppies



Centaurea imperialis (Sweet Sultan)

Oriental Poppy HP (*Papaver orientale*)

The big, bright scarlet, Decoration Day Poppy. A hardy perennial form bearing immense single flowers in spring. It should be in every garden. Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts.

Choicest Mixed. Those who wish a lot of fine colors should plant this large flowering mixture. It includes many bright shades as found in the Oriental Poppies. Pkt. 10 cts., $\frac{1}{8}$ oz. 30c.

Annual Poppy

Carnation-flowered. Thrifty, upright varieties, 2 feet high. Flowers of large, globular form, with slashed or fringed petals. Colors and combinations beautiful and varied. **Mixed Colors.** Pkt. 10 cts., $\frac{1}{4}$ oz. 15 cts.

Shirley. An improved strain of Poppies, varying in color from pure white to rosy carmine and deep crimson in mixture.

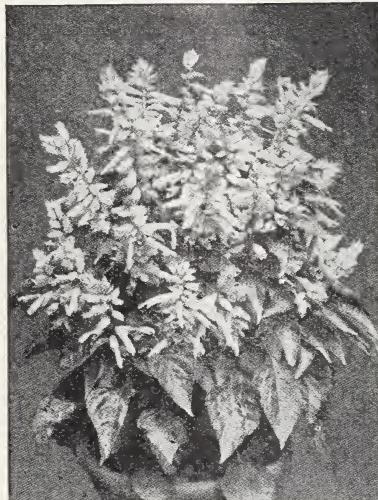
Mixed Colors. Pkt. 10 cts., $\frac{1}{8}$ oz. 15 cts., $\frac{1}{4}$ oz. 25 cts.

Salvia · Scarlet Sage

This popular and showy bedding plant should be started either in the house or in hotbeds.

Bonfire. Compact, bushy plants, 2 feet high, producing erect spikes of brilliant scarlet flowers. Pkt. 10 cts., $\frac{1}{8}$ oz. 50 cts.

Splendens. Tall-growing plants. Height, 3 feet. Pkt. 10 cts., $\frac{1}{4}$ oz. 60 cts., oz. \$2.



Salvia splendens

Scarlet Runner Bean

A rapid climber, 10 to 15 feet high, flowering profusely. Pkt. 5 cts., oz. 10 cts., 3 ozs. 25 cts.

Snow-on-the-Mountain (*Euphorbia variegata*)

A bushy plant with insignificant flowers, but whose broad green leaves are heavily margined with silvery white. Much used in mixed borders and as a background for lower-growing plants. Height, 2 feet. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.

Sweet Sultan (*Centaurea imperialis*)

Blooms of exquisite texture, possessing a delightful fragrance. The plants grow 2 feet tall and bear a profusion of elegant, long-stemmed flowers. Our mixture includes all the lovely colors belonging to this type.

Finest Mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.



Snow-on-the-Mountain



Snapdragon



Statice (Sea Lavender)



Schizanthus

Schizanthus . Butterfly Flower

Large-flowered Hybrids. Compact, bushy plants, covered with exquisite little butterfly-like flowers in many different colors. Pkt. 15 cts., $\frac{1}{8}$ oz. 25 cts. (See illustration.)

Statice . Sea Lavender

Perhaps the prettiest of the various Everlastings. They are just as decorative in the garden in the summer as in the house in winter, with their long sprays of bright-colored paper-like flowers. The seeds are in the dried flower-heads which should be planted without separating, laying them flat instead of upright. **Mixed.** Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts.

Shasta Daisy HP

Alaska. For a midsummer white we know of nothing that is really more satisfactory than the Shasta Daisy. Alaska is a very large-flowering strain, the blooms measuring 4 to 5 inches across, with broad overlapping petals of purest white. Easily grown from seed sown in the open ground. One packet sows 12 feet of row. Pkt. 15 cts., $\frac{1}{8}$ oz. 50 cts.

Large-flowering Salpiglossis

(Painted Tongue or Velvet Flower)

A free-flowering annual, succeeding best in cool, moist soils. The large flowers are most vividly spotted and striped on ground-colors of deep blue, rose, velvety yellow and reddish bronze. Pkt. 10 cts., $\frac{1}{8}$ oz. 30 cts.

Giant Snapdragon . Antirrhinum

Few flowers equal the Snapdragons for brilliancy of color, and because of this they are among our most showy and useful border plants. The new varieties are so far superior to the old-time Snapdragon that really there is no comparison. The blooms are very much larger, are better shaped, and far more brilliantly colored. The plants bloom very freely over a long period.

Harmony. Terra-cotta.

Queen Victoria. White.

Empress. Crimson.

Gloria. Rose-pink.

Golden Queen. Yellow.

Silver Pink. Pearly pink.

Pkt. 10 cts.; six packets as named above, 42 cts.

Giants, Special Mixture. Embraces a magnificent assortment of the finest new varieties. Pkt. 10 cts., 3 pkts. 25 cts., $\frac{1}{8}$ oz. 35 cts.

Early Giant Imperial Stocks

A recently developed strain of early-flowering Stocks, forming much-branched plants about $2\frac{1}{2}$ feet high and having numerous spikes of very large, double, delightfully fragrant flowers. If sown in February or March, will produce plants that will bloom out-of-doors from midsummer till frost. **Finest Mixed.** Pkt. 15 cts., $\frac{1}{8}$ oz. 45 cts.

Strawflower or Everlasting Flower (*Helichrysum*)

Much prized for durable bouquets and winter decoration. To dry, gather flowers when partly unfolded and hang, heads down, in a cool place. **Giant-flowering, Mixed.** Pkt. 10 cts., $\frac{1}{8}$ oz. 20 cts.



Salpiglossis

Spencer or Orchid-flowered Sweet Peas

The best of the old-fashioned or Grandiflora varieties are now quite overshadowed by this wonderful type, which are quite distinct, having large, round, open flowers of extraordinary size, usually measuring 2 inches across, with wavy standards and wide-spreading wings, a very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting. All the sorts offered below have been thoroughly tested and are very superior in every respect.

Austin Frederick. A giant-flowered lavender.

Charity. Deep rich crimson; best of its color.

Hebe. Mammoth bright pink.

Majestic Cream. The newest and best primrose.

Margaret Atlee. Apricot-pink on a cream ground.

Mary Pickford. Creamy salmon-pink.

Mrs. Tom Jones. Delphinium-blue.

Picture. Flesh-pink, suffused apricot.

It requires one ounce of Sweet Peas to sow
10 ft. of single row

Inoculate Seed with Nod-O-Gen

Spraying vines with Black-Leaf 40 kills aphis (lice) and insures success with Sweet Peas.

New Early-flowering Spencer Sweet Peas

These new varieties come into bloom three to four weeks earlier than late Spencers, and therefore should be well in flower before our summer heat arrives. Vines are less branching than those of the later type. The blossoms are larger and beautifully waved, of perfect Spencer form, borne three and four on extra-long stems. The most popular of all Sweet Peas.

Early-flowering Spencer Mixture. Pkt.
10 cts., oz. 35 cts., 2 ozs. 60 cts., $\frac{1}{4}$ lb. \$1.

Glitters. Fiery cerise.

Harmony. Best clear lavender.

Miss Louise Gude. Clear rose-pink.

Mrs. Kerr. Orange-salmon.

Snowstorm Improved. Best pure white.

Superior Pink (Morse's). Rich rose.

Each of above, pkt. 10 cts., oz. 50 cts.

Collection: One pkt. each of above 6 varieties,
42 cts., postpaid

Gilt-Edge Mixture

Our customers sometimes prefer a mixture where all classes are represented. Large pkt.
10 cts., oz. 15 cts., 3 ozs. 35 cts., lb. \$1, postpaid.

Our seeds are put up in liberal size, colored lithographed packets, with careful cultural directions on each packet. See page 1.

PLANTABBS

An odorless plant-food in tablet form containing 11% nitrogen, 15% available phosphoric acid, and 20% potash. Easily dissolved in water. Immediately available, clean, easy to handle, and very effective. 30 tablets 25 cts., 75 tablets 50 cts., postpaid.

Pinkie. Mammoth deep rose-pink.

Royal Purple. Rich royal purple. Most distinct.

Tangerine Improved. A wonderful glowing orange.

Warrior. Deep maroon.

Wedgwood. Wedgwood or silvery blue.

Each of above carefully selected varieties, large pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts.; the complete collection, 13 named varieties for 90 cts., all postpaid.

Spencer Mixture. Blended from only the Giant Waved Spencer varieties. Large pkt. 10 cts., oz. 20 cts., 2 ozs. 35 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2, postpaid.



Early-flowering Spencer Sweet Peas. Wonderful large flowers on long stiff stems



Double Sunflowers



Sweet William

Sweet William (*Dianthus barbatus*) HP

These make wonderful border plants, with heads of bloom of great size and wonderful beauty. Our mixture combines many rich and beautiful colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts.

**Large-flowered Double Scabiosa
Mourning Bride • Pin-Cushion Flower**

These beautiful hardy annuals are in great demand. They grow about $2\frac{1}{2}$ feet high. We highly recommend these new hybrid Scabiosas to all growers, at least to the extent of planting a bed. We are offering a collection of six distinct new hybrid varieties.

Crimson Glory. Bright crimson.

Azure Fairy. Beautiful lavender-blue.

Shasta. Magnificent; pure snow-white.

King of the Blacks. Black-purple, shading to dark maroon.

Yellow. A distinct color.

Peach Blossom. A beautiful shade.

Each of above, pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts.

COLLECTION: One each of above 6 named varieties for 50 cts.

Choice Mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts.

Scabiosa caucasica HP

An excellent hardy perennial, good for garden display and for cutting. The large, pleasing lavender-blue flowers are borne profusely on fine long stems. The plants grow about 2 feet tall and are perfectly hardy. Pkt. 15 cts., $\frac{1}{16}$ oz. 35 cts. $\frac{1}{8}$ oz. 55 cts., $\frac{1}{4}$ oz. 95 cts.

Sunflower • Helianthus

Double Chrysanthemum-flowered. Rich, golden yellow flowers, perfectly double, resembling a chrysanthemum or dahlia. Pkt. 10 cts., oz. 35 cts.

Mammoth Russian. Single flowers of gigantic size. Pkt. 5 cts., oz. 10 cts.

Tunica HP

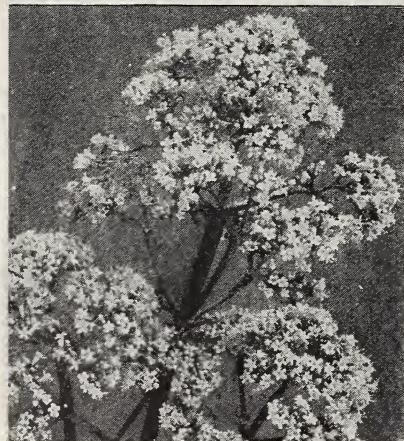
Saxifraga. This lovely hardy perennial grows about 1 foot tall and blooms profusely from June till September. An excellent hardy perennial for the rock-garden. The plants make a spreading growth and form thick tufts which are covered with small delicate rose blooms. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., $\frac{1}{2}$ oz. 40 cts.

Valerian • Garden Heliotrope HP

Hardy, perennial border plants; large, fragrant flowers having a fragrance resembling that of the heliotrope. **Mixed** Height, 2 to 3 feet. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Verbena

An excellent annual for beds and massing, and for a gorgeous display during the summer months it cannot be excelled. **Mammoth Mixed.** Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts.



Valerian

All Flower Seeds sent postpaid direct to your door

Siberian Wallflower HB*(Cheiranthus Allioni)*

Very pretty dwarf hardy biennial plants, usually handled as annuals, flowering freely through the summer. For early spring flowering, sow in late summer. Splendid for rockery. Plants grow about 1 foot high, with heads of brilliant orange flowers. Pkt. 15 cts., $\frac{1}{8}$ oz. 25 cts.

Annual Wallflower

Early Wonder. New Double. This remarkable new Wallflower comes into bloom within 5 months from sowing. The plants grow about 2 feet high with heavy center spike thickly covered with large double blossoms, followed by many side branches; delightfully fragrant. Pkt. 15 cts., $\frac{1}{8}$ oz. 25 cts., $\frac{1}{4}$ oz. 40 cts.

Early Forcing. The earliest blooming, single-flowered varieties. **Single Mixed.** Pkt. 10 cts., $\frac{1}{8}$ oz. 20 cts., $\frac{1}{2}$ oz. 30 cts.



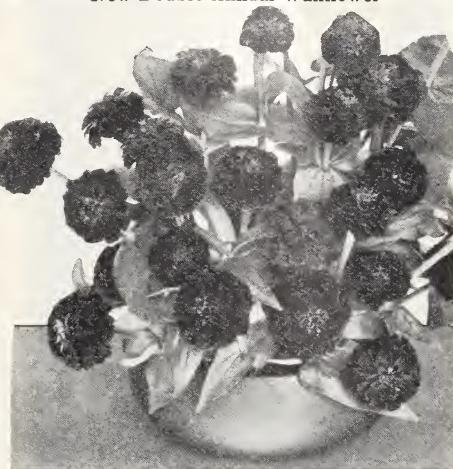
New Double Annual Wallflower

Wild Flower Garden

A most interesting way in which to grow flowers is to reserve a portion of the garden for a Wild Flower Garden and sow mixed seed thickly in it. For this purpose we offer a collection of easily grown seeds which will furnish a profusion of bloom throughout the season, without the attention necessary for more formal plantings. This mixture is valuable for sowing in bare spots, along fences and on embankments and will convert many an unsightly spot into a place of beauty. Large pkt. 10 cts., $\frac{1}{8}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

Double Lilliput or Pompon Zinnias

A very pretty type of compact habit not over 15 inches high, bearing in lavish profusion, small densely double flowers on long stems, held well above the foliage. Makes a good line or bed and are of more than usual value for cutting. **Canary Yellow, Golden Gem, Salmon Rose, Scarlet Gem, White Gem, and Finest Mixed of above colors.** Pkt. 10 cts., $\frac{1}{8}$ oz. 30 cts.; 1 pkt. each of above 5 colors, 40 cts.



Pompon Zinnias

Double Dahlia-flowered Zinnias

This type, the latest development in Zinnias, bears flowers of mammoth size and in form like a perfect decorative dahlia. As the result of continued painstaking care and selection, the size, form, and coloring have been much improved and we now offer seven beautiful and distinct varieties.

Exquisite. Pale rose, deeper center.

Purple Prince. Fine deep purple.

Crimson Monarch. Largest and best red.

Oriole. Immense; orange and gold.

Canary Bird. Fine; large; primrose.

Meteor. Deep rich glowing red.

Polar Bear. The best large pure white.

Each, pkt. 10 cts., 3 pkts. 25 cts., $\frac{1}{8}$ oz. 25 cts.

Dahlia-flowered Mixed, from the varieties named above. Pkt. 10 cts., $\frac{1}{8}$ oz. 25 cts., $\frac{1}{4}$ oz. 50 cts.



Dahlia-flowered Zinnia

To have large plants, perennial seeds are best sown in May, June, and July, unless otherwise noted. Forget-me-nots, English Daisies, Hollyhocks, Sweet Williams, and Pansies are best sown in August, in order to have plants not too large for handling.

We sell only the best grade of seed, tested for purity and vitality—put up in liberal quantity in beautifully colored lithographed packets with reliable directions for culture. Select what you want at special prices. See page 1. Five 10-cent pkts., assorted, 35c.

Chaapel's Popular Gladiolus

The Glad Flower in All Its Glory



Carmen Sylva

Distinct Novelties of Recent Introduction

- Aflame.** Light red, flaked darker; giant flowers. 15 cts. each.
- Betty Snow.** New. Lavender; large blooms. Fine stalks. A flower of exceptional quality. 20 cts. each.
- Betty Nuthall.** Orange-pink. Very beautiful. 20 cts. each.
- Crinkles.** Ruffled deep rose-pink. Sturdy spikes. The ruffled petals and pleasing colors are very effective. 15 cts. ea.
- Golden Dream.** Best of all the yellows. Tall; late bloomer. Recognized as the finest yellow. 15 cts. each.
- John T. Pirie.** Nearly brown, with yellow markings. A combination of colors that is sure to please. 15 cts. each.
- Obelisque.** Large; creamy yellow. Tall, stately spikes of good substance and appearance. 15 cts. each.
- Fitzter's Triumph.** Orange-red; very large. Good spikes. The highest rated Gladiolus. 20 cts. each.

Chaapel's Select Gladiolus

A list of the better kinds, covering a wide range of color.

- A. W. Hunt.** Flame-orange-red.
- Autumn Queen.** Yellow with pink and red blotches.
- Captain Boynton.** Lavender, dark blotch.
- Carmen Sylva.** Large, snow-white flowers.
- Copper-Bronze.** Large; coppery color.
- Dr. F. E. Bennett.** Peach-red and flame-scarlet.
- Giant Nymph.** Rose-pink, yellow throat.
- Golden Measure.** Pure golden yellow; very large.
- Miss Madison.** Large; deep pink, wide-open flower.
- Mr. Mark.** The most robust blue. A beauty.
- Mrs. F. C. Peters.** Extra-fine late lavender.
- Mrs. Leon Douglas.** Immense; rose-salmon. The largest Gladiolus.
- Pink Wonder.** La-France-pink shading to pale pink.
- Purple Glory.** Dark purple-maroon; large ruffled flower.
- Scarlet Wonder.** Immense; red. A real giant.
- W. H. Phipps.** Best of the late pinks. A grand flower.

Any of above varieties, 10 cts. each, 25 cts. for 3,
75 cts. per doz., \$5 per 100

Special Offer of Gladiolus

Twelve extra-large bulbs in 12 different kinds and colors, packed in a beautifully lithographed box, with full instructions and directions as to growing and planting. Every one of these 12 bulbs will be a different kind—no two are alike.

The 8 kinds pictured on the package are all represented and 4 other good ones besides. All different shades.

Twelve extra-large bulbs, 50 cts. (postpaid 60 cts.)

Popular Standard Gladiolus

Albina. Snow-white; round petals.

Alice Tiplady (Primulinus). Orange-saffron flowers.

Baron Hulot. Rich deep indigo-blue.

Byron L. Smith. Delicate lavender. Fine.

Any of above varieties, 5 cts. each, 12 cts. for 3, 45 cts. per doz., \$3.50 per 100

Popular Mixture of Gladiolus

Composed of high-grade varieties in mixture. A splendid lot of bulbs at very low prices. 15 cts. for 6, 30 cts. per doz., \$2 per 100.

NOTE.—The varieties named on this page are very choice, carefully selected as to color, and offered at extremely low prices to encourage their cultivation.

If bulbs are wanted by parcel post, add 10 cts. extra for the first dozen and 1 ct. extra for each additional dozen

E. J. Shaylor. Splendid deep rose-pink.

Evelyn Kirtland. Rose-pink, shading to deep pink.

Mrs. Dr. Norton. White, tinged with pink.

Rose Ash. Large, old-rose flowers.



Laxton's Progress Pea

Garden Peas of Special Merit

SELECTED FOR OUR CRITICAL TRADE

Don't stick to the old, antiquated varieties of Peas; surprise yourself with some of the newer and better sorts. Our list embraces the newest and highest types in Pea culture

Sow the earliest varieties, such as Alaska, as soon as the ground can be worked in the spring. Follow with Laxton's Progress, Hundredfold, Thomas Laxton, and World's Record as soon as the ground becomes warm. The wrinkled varieties cannot stand as much cold as the smooth sorts. Later varieties, such as Dwarf Telephone and Tall Telephone, should be sown later so as to provide for a succession. For best results, Peas should be sown at the rate of about 1 quart to 100 feet of row.

Inoculate
this seed with
NOD-O-GEN

PEAS ARE DIFFERENT FROM ALL OTHER VEGETABLES—the seeds are large and only one stem grows from each seed. They do not tiller; the plant is not bushy. They must be planted close together—12 to 16 seeds to the foot.

While a 5-cent packet of lettuce or radishes might suffice for the family garden and yield sufficient portions for numerous meals, a like amount of Peas will not. It requires 1 pint to plant 50 feet of row. Peas form a profitable crop to grow. Plant all you have room for.

OUR POLICY: Reliable Seeds, Reasonable Prices

Laxton's Progress. *The earliest and largest Dwarf Pea.* This is the earliest of the highest quality large-podded dwarf varieties. The vines are 15 to 18 inches high and very productive. Matures Peas two to four days earlier than Blue Bantam (Hundredfold).

Blue Bantam or Hundredfold. The dwarf, vigorous vines average 16 to 18 inches in height and carry really enormous crops of most luscious flavor.

Thomas Laxton Improved. The popular market Pea. As a money-maker, it surpasses all others. An early, sweet, wrinkled Pea of the highest quality, ready for market a few days later than Alaska, even though sown several weeks later. Height, 3 feet.

World's Record. An improved Gradus, being slightly earlier, more dwarf, true to type, and productive. Vines moderately stout, medium green, pods medium green, 4 inches long, fairly broad, pointed and well filled with seven to nine very large, dark green Peas of exceptional quality. Height, 2 feet.

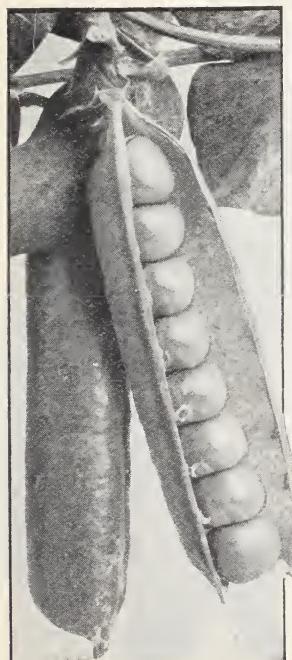
Little Marvel (Dwarf). As a large-yielding, short-vine variety, Little Marvel stands at the head of its class. A dwarf, first-early Pea of unusual value, desirable for both the home-garden and market. Height, 18 inches.

Alaska. (Blue seed.) Earliest of all Peas. This variety can be planted as soon as the frost is out of the ground. Pods dark green and well filled. Height, 2½ feet.

Dwarf Telephone. This medium-late Pea is of healthy, stocky growth, with dark green vine and foliage, and very productive. A desirable garden Pea. Height, 2½ feet.

Improved Telephone. The vines are vigorous and pods 4½ inches long, well filled with eight to ten extra-large Peas of highest quality. Height, 4 feet.

Mammoth Melting Sugar. (Edible pods.) Large, broad pods, very brittle and stringless. Height, 4 feet.



Little Marvel Peas

SPECIAL LOW PRICES ON ABOVE VARIETIES OF PEAS: 1/2pt. 15 cts., pt. 30 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$2.75, bus. (.56 lbs.) \$10.80

If wanted by parcel post, add postage, 10 cents extra for first quart and 2 cents for each additional quart. One quart of Peas weighs about 2 pounds.

Beans, Dwarf Wax or Butter

We condense into the following list the best Wax or Butter Beans—sorts that yield and sell well in all sections.

Pencil-Pod Black Wax. The meatiest, crispest, most brittle, and entirely stringless Bean grown—the one "Best Bean." It is early, prolific, and entirely stringless under all conditions. The seed is shining blue-black; the pods are large— $5\frac{1}{2}$ to 6 inches long—round, nearly straight.

Sure-Crop Stringless Wax. Sometimes sold as Bountiful Wax. The most popular flat-podded Wax Bean. Black seed.

SPECIAL LOW PRICES ON ABOVE DWARF WAX BEANS: Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 30 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3.25, bus. (60 lbs.) \$12

Unrivaled Wax, Semi-Flat Pod. Pods of the finest texture and tenderness. Ochre-brown seed.

Webber or Crackerjack Wax (Flat-Pod). A high quality, flat-podded, stringless variety. Yellow, kidney-shaped seed.

Rust-proof Golden Wax. One of the earliest of the older varieties. Speckled seed; flat pod.

Davis' White Kidney Wax. An early Wax variety. White seed; flat pod.

Green-Podded Dwarf or Bush Beans

Burpee's Stringless Green-Pod. Very early sort of extra-fine quality. Pods extremely round and straight; brittle and of finest flavor; always stringless. Brown seed.

Bountiful Green-pod. Best of the flat-podded, stringless varieties.

SPECIAL LOW PRICES ON ABOVE GREEN-PODDED BUSH BEANS: Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 30 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3.25, bus. (60 lbs.) \$12

Improved Early Red Valentine. Unusually hardy, notwithstanding early frosts. It may therefore be planted very early. It will always yield a large crop of long, round, fleshy pods.

Bush Lima Beans

Burpee's Improved Bush Lima. The best of the dwarf Limas, having enormous pods filled with Beans that are larger and thicker than the old Burpee's Bush Lima and fully a week earlier.

SPECIAL LOW PRICES ON ABOVE BUSH LIMA BEANS: Pkt. 15 cts., $\frac{1}{2}$ pt. 25 cts., pt. 40 cts., qt. 75 cts., 4 qts. \$2.50, pk. \$4, bus. \$15

The Fordhook Bush Lima. Superior in many respects, being a shorter and thicker Bean, more round than long, more productive, and matures earlier.

Pole or Climbing Lima Beans

King of the Garden. The pods are very large, filled with four or five extra-large white Beans of finest quality. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 60 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$12.

Green-Seeded Lima. Seed of a decided green tinge, that is, not bleached ivory-white. This green-seeded selection has never been excelled. Pkt. 10 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 60 cts., 4 qts. \$1.75, pk. \$3.25, bus. \$12.

Pole or Running Beans

Ideal Market. Earliest and most prolific of the Green-podded Pole Beans. Stringless. Excellent quality. Black seed.

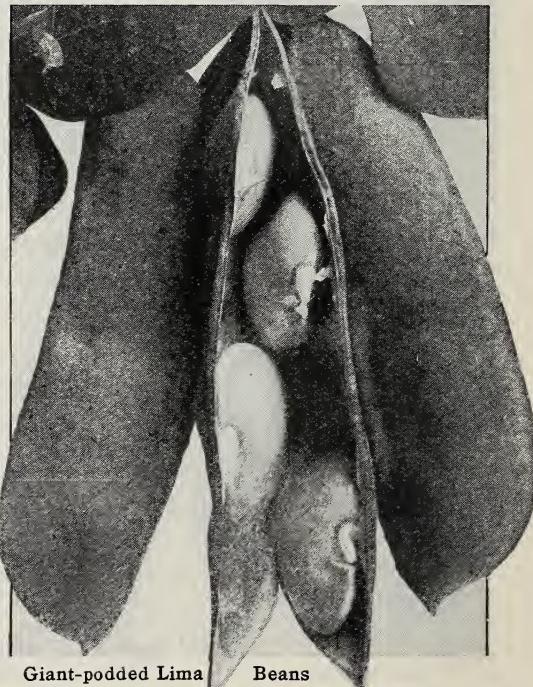
Early Golden Cluster Wax. Very early; fine quality; stringless; very productive.

Kentucky Wonder or Old Homestead. The pods, 7 to 9 inches long, are fleshy, deeply creased or saddle-backed, of finest quality.

Kentucky Wonder Wax. One of the earliest of the Pole Wax sorts.

Lazy Wife. White Beans that make excellent winter Shell Beans.

SPECIAL LOW PRICES ON ABOVE POLE BEANS: Pkt. 10 cts., $\frac{1}{2}$ pt. 25 cts., pt. 45 cts., qt. 75 cts.

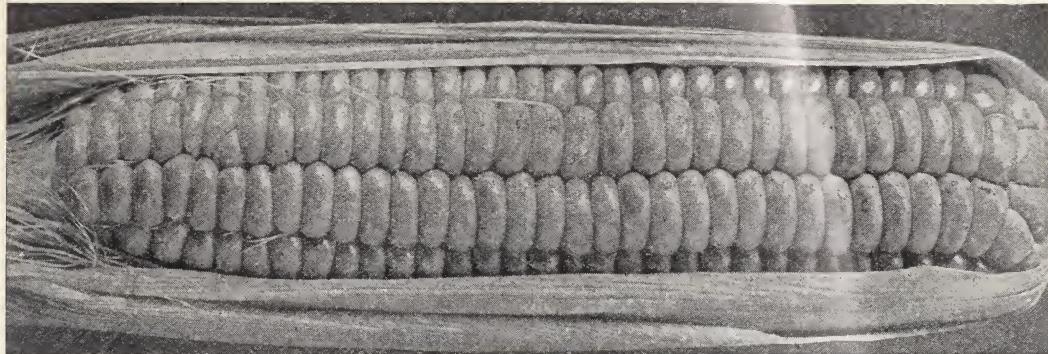


Bush Field Beans Shell, Soup, or Baking Varieties

White Marrow, White Kidney, Boston Small Pea or Navy, and Red Kidney.

SPECIAL LOW PRICES ON ABOVE FIELD BEANS: Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 25 cts., qt. 40 cts., 4 qts. \$1.50, pk. \$2.50, bus. (60 lbs.) \$10

If wanted by parcel post, add postage, 10 cents extra for first quart and 2 cents for each additional quart. One quart of Beans weighs about 2 pounds.



Golden Bantam Sweet Corn

Golden Yellow Sweet Corns of Special Merit

The yellow varieties, with their distinct, sweet, tender juiciness, are *gradually, as their merits become known*, displacing the white sorts. One quart of Sweet Corn weighs $1\frac{1}{2}$ pounds

Golden Early Market. (New.) Earliest, large, true Sweet Corn of golden color. The ear is larger and matures one week earlier than Golden Sunshine and 10 days to 14 days earlier than Golden Bantam. It is the outstanding early yellow Sweet Corn of highest quality. Pkt. 15 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3, bus. \$10.

Golden Gem. (New.) This is one week earlier than Golden Sunshine and two weeks earlier than Golden Bantam. The ear is almost as large as that of Golden Bantam, very similar in appearance, and of excellent flavor. The growth of Golden Gem is not large. Best small-garden Sweet Corn. Pkt. 15 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3, bus. \$10.

SPECIAL LOW PRICES ON ABOVE SWEET CORN, EXCEPT AS NOTED: Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 20 cts., qt. 35 cts., 4 qts. \$1.15, pk. \$2, bus. \$7

Golden Sunshine. A yellow, early, high-quality Sweet Corn ready for market 10 days earlier than Golden Bantam. The ears are $6\frac{1}{2}$ inches long, with 12 rows of broad, yellow, sweet grains. Pkt. 15 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3, bus. \$10.

Whipple's Early Yellow. While the stalks grow 6 feet or more in height, and the 14-rowed ears are 7 to 8 inches in length, this variety matures three days later than Golden Bantam.

Golden Bantam. Others are earlier—others are bigger—others are better yielders—but none, as yet, have the real Golden Bantam quality.

Bantam Evergreen. Medium to late. A cross between Golden Bantam and Stowell's Evergreen. Equal to both in sweetness and tenderness.

Sweet or Sugar Corn

The white varieties of Sweet Corn listed below are all of the highest quality.

Gill's Early White Market. (New.) **The earliest Sweet Corn.** By planting this variety, you can enjoy good fresh Sweet Corn a week to ten days earlier than you otherwise would. Many ears measure 8 inches long and have 12 to 14 rows of pure white kernels. The quality of the Corn is excellent for so early a variety, being better than any other kind that matures quickly. We are sure market growers will find this a very profitable Corn as it can be put on the market before any other variety of anywhere near its size. Pkt. 15 cts., $\frac{1}{2}$ pt. 20 cts., pt. 35 cts., qt. 50 cts., 4 qts. \$1.75, pk. \$3, bus. \$10.

Mammoth White Cory. The earliest large Sweet Corn of highest quality. Ears 7 to 8 inches long, with 10 to 12 rows of broad, pearly white grains, tender and sweet.

SPECIAL LOW PRICES ON ABOVE SWEET CORN, EXCEPT AS NOTED: Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 20 cts., qt. 35 cts., 4 qts. \$1.15, pk. \$2, bus. \$7

Pop-Corn

Golden Queen and White Rice. Standard varieties. Pkt. 10 cts., $\frac{1}{2}$ pt. 15 cts., pt. 20 cts., qt. 35 cts., 4 qts. \$1.15, pk. \$2, bus. \$7.

IF CORN IS WANTED BY PARCEL POST, ADD POSTAGE, 10 CTS. EXTRA FOR FIRST QUART, 2 CTS. FOR EACH ADDITIONAL QUART. SWEET CORN WEIGHS 42 POUNDS PER BUSHEL

Vegetable Seeds

NOTE OUR SPECIAL PRICE of only 7 cts. each on all 10-ct. packets of either vegetable or flower seeds, entirely your selection, on orders of 5 or more 10-ct. packets

Asparagus

Mary Washington. This variety grows to enormous size and surpasses all others in yield. Very tender and of excellent quality. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$1.50.

Washington Asparagus Roots

By purchasing plants, at least a year of time is saved. The young shoots may be cut for the table the second season. Two-year roots, 50 cts. per doz., \$1 for 50, \$1.75 per 100, postpaid.

Brussels Sprouts

Carter's Perfection. A species of cabbage; cultivation is the same. Pkt. 10 cts., oz. 25 cts.

Broccoli

Italian Green Sprouting (Calabrese). This delicious vegetable has lately become very popular in this country. The flavor somewhat resembles cauliflower but is more delicate. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 80 cts.

Carrots, Table Varieties

Coreless. The earliest Carrot. A half-long, cylindrical, blunt-pointed variety, with a very small tap-root and small, fine top. Averages 6 to 7 inches in length and $1\frac{1}{2}$ inches in diameter. The rich red-orange flesh is very fine-grained.

Chantenay. A most excellent, medium-early Carrot. The mature roots are thick, $5\frac{1}{2}$ to 6 inches in length, uniformly half-long, tapering slightly, smooth, deep orange-red.

Danvers Half-Long. Mature roots are of medium length, 6 to 8 inches long, tapering uniformly. The tender flesh is deep orange.

Improved Long Orange. Long and thick, often 12 inches long and 3 inches in diameter at the crown, tapering regularly to a point.

Oxheart. Roots short and thick.

SPECIAL LOW PRICES ON ABOVE CARROTS:
Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 90 cts.

Table Beets

Boston Crosby. An improved Early Wonder and a most profitable first-early Beet for the market-gardener. Color black-red with deep purplish red flesh, almost free from colored rings or zones.

Early Wonder. One of the earliest and most perfectly shaped Beets for bunching purposes. Beautiful deep blood-red, nearly globular-shaped.

Detroit Dark Red. Forms globular, smooth roots, with small tops. Skin blood-red; flesh dark red, tender and sweet. Deservedly a popular favorite for canning, because of its deep dark red color.

Crosby Egyptian. One of the earliest. Blood-red.
SPECIAL LOW PRICES ON ABOVE BEETS:
Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Swiss Chard or Spinach Beet

Large Silver and Giant Lucullus. Each, pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.

Mangel-Wurzel Beets

They yield enormously and can be grown at trifling cost. Make exceptional feed for stock and poultry, being valuable egg-producers.

Golden Tankard and Long Red Mammoth Prize. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts.

Kohlrabi (TURNIP-ROOTED CABBAGE)

The edible part is the turnip which grows above the ground. Prepared and served like turnips. Two varieties, **White** and **Purple Vienna.** Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Cabbage

Golden Acre. This is an extra-early strain of Copenhagen Market, which it resembles in every respect except size. The heads are of medium size, round as a ball, and very firm. Heads ten to fifteen days earlier than Copenhagen Market. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.15.

Copenhagen Market. The earliest large, round-headed Cabbage. Heads round and solid. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$3.

PENN STATE BALLHEAD. The only genuine stock of this variety, sold under seal bearing the specific recommendation of Pennsylvania State College. This very desirable late variety was developed by Prof. C. E. Myers at the Pennsylvania Agricultural Experiment Station. It produces uniform, solid, fine-grained heads and is a splendid keeper. Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., oz. 65 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.

Danish Roundhead. This is the **short-stem** Ballhead type, well-known and much prized because of its blight-resistance, solidity, and heavy yield. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$3.

Burpee's Allhead Early. Flat heads; sure header. **Danish Ballhead.** Best winter sort; round head.

Premium Late Flat Dutch. Flat head.

Early Jersey Wakefield. Extra-early; pointed.

Early Winnigstadt. The heads are cone-shaped.

Rice's Surehead. Finest late Cabbage.

Red Rock. Best red sort.

Savoy Perfection Drumhead. Best of the Savoys. **PRICES ON CABBAGE SEED LISTED ABOVE:**

Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.25

Chinese Cabbage

Pe-Tsai or Cut Cabbage. As tender as head lettuce and used as a salad or cooked as cabbage. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 90 cts., lb. \$3.

Cauliflower

Henderson's Early Snowball. The earliest Cauliflower, and produces beautiful snow-white heads of the most delicious flavor. Pkt. 15 cts., $\frac{1}{2}$ oz. 45 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.

NOTE.—Slug Shot kills cabbage worms absolutely. Can be used without danger. Lb. 20 cts. (postpaid 27 cts.); 5 lbs. 65 cts. (postpaid 77 cts.).

Celery

Fordhook Emperor. A dependable cropper and good keeper, blanching white, with a heart tinged yellow. Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., oz. 65 cts.

Golden Plume or Wonderful. This new strain of Celery resembles the Golden Self-blanching, but is much larger and ranker in growth, blanches more quickly, matures earlier. Pkt. 10 cts., $\frac{1}{2}$ oz. 35 cts., $\frac{1}{2}$ oz. 60 cts., oz. \$1, $\frac{1}{2}$ lb. \$3.25.

Giant Pascal. Has a fine, nutty flavor, is crisp, tender, and a good keeper. Pkt. 10 cts., oz. 25 cts., $\frac{1}{2}$ lb. 75 cts.

Sanford's Easy-blanching. A tall, easy-blanching sort. Early, and an excellent winter keeper. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts.

Cucumbers

One ounce will plant 50 hills

Improved Longfellow. An excellent, slender, dark green variety. Equally desirable for greenhouse forcing and outdoor culture. Pkt. 10 cts., oz. 20 cts., $\frac{1}{2}$ lb. 50 cts., lb. \$1.50.

Long Green, Improved. A standard late sort.

White Spine, Arlington Improved.

Early Fortune. Early and productive.

Davis' Perfect. An extra-long, dark green type.

Chicago Pickling. A most excellent pickling sort.

Boston Pickling. One of the best for pickling.

Early Cluster. Fruit small; light green.

SPECIAL LOW PRICES ON ABOVE CUCUMBERS,
except as noted: Pkt. 10 cts., oz. 15 cts.,
 $\frac{1}{2}$ lb. 35 cts., lb. \$1

Dandelion

Improved Broad-leaved. Pkt. 10 cts., oz. 75 cts., $\frac{1}{2}$ lb. \$2.50, lb. \$8.

Cultivated or French Common. Pkt. 10 cts., oz. 50 cts., $\frac{1}{2}$ lb. \$1.75, lb. \$6.

Endive

Giant Fringed or Oyster. Finely cut curly leaves that blanch creamy white.

Broad-leaved Batavian. Leaves broad.

Green Curled Winter. Hardest variety.

White Curled. For early use.

PRICES OF ABOVE ENDIVE: Pkt. 10 cts., oz. 15 cts., $\frac{1}{2}$ lb. 45 cts., lb. \$1

Eggplant

Black Beauty. The earliest large variety. Pkt. 10 cts., oz. 40 cts., $\frac{1}{2}$ lb. \$1.40, lb. \$5.50.

Muskmelon or Cantaloupe

Lake Champlain or Golden Champlain. (Orange.) Combines earliness, quality, and productiveness. Flesh is deep golden yellow, very sweet and melting. A sure cropper.

Hale's Best Extra Early. The popularity of Hale's Best is due not only to its earliness but to the sweet, tasty flavor of its beautiful salmon flesh.

Honey or Sugar Rock. (Orange.) The flesh is extremely thick, of salmon color; round fruits.

Extra-Early Osage. (Orange.) Oval fruits, with thick, fine-grained orange flesh of spicy flavor.

Emerald Gem. (Orange.) One of the best salmon-fleshed melons. It is sweet and delicious.

Tip-Top. (Orange.) Fine quality; nearly round.

SPECIAL LOW PRICES ON ABOVE MUSKMELONS:

Pkt. 10 cts., oz. 15 cts., $\frac{1}{2}$ lb. 40 cts., lb. \$1.25

Lettuce

Big Boston. The leaves are broad, comparatively smooth, but wavy at the edge.

Los Angeles, Wonderful, or New York. Very large compact and tight-heading. Pkt. 10 cts., oz. 20 cts., $\frac{1}{2}$ lb. 50 cts., lb. \$2.

Early Prizehead. Crimped, bright, green leaves, tinged with brownish red, exceedingly tender, crisp and sweet, forming a large, loose head.

Black-seeded Simpson. Earliest Lettuce for the home or market-garden. It does not form a head but a compact mass of leaves, tender, crisp, and of excellent quality.

Grand Rapids Forcing. Of rapid, upright growth and may be planted close.

Crisp as Ice. Outer leaves variegated dark brown and green, the brown predominating.

Hanson Improved. Large, handsome heads of excellent quality; inner leaves white.

Iceberg. Heads tightly folded and blanched to a beautiful white. Exceedingly crisp and tender; outer leaves crinkled and light green.

Paris White Cos or Romaine. Blanches very nicely; upright grower.

SPECIAL LOW PRICES ON ABOVE LETTUCE,
except as noted: Pkt. 10 cts., oz. 15 cts.,
 $\frac{1}{2}$ lb. 40 cts., lb. \$1.25

Onion Seed

One ounce will sow 100 feet of drill

Bottle Onion. The name describes its shape—it looks like a long, round bottle. It grows 6 to 8 inches long and 3 inches in diameter, is very mild and sweet, a heavy yielder and an excellent keeper of superior quality. Pkt. 15 cts., oz. 45 cts.

Ebenezer or Japanese. Is a good keeper.

Yellow Globe Danvers, Our Finest Strain. Immeasurably superior to the average.

Large Red Wethersfield. Skin deep purplish red.

Prizetaker. Largest size; nearly globular.

Southport Yellow Globe. Large; globe-shaped.

Southport White Globe. Large; globe-shaped.

White Portugal or Silverskin. Good keeper.

SPECIAL LOW PRICE ON ABOVE ONIONS,
except as noted: Pkt. 10 cts., oz. 25 cts.,
 $\frac{1}{2}$ lb. 75 cts., lb. \$2.50

Onion Sets

Yellow Danvers Sets. Our Onion Sets will produce Onions much earlier than by sowing the seeds. For green or bunch Onions, Sets will produce a crop in half the time it takes to raise them from seed.

Bottle Onion Sets. This is a long, bottle-shaped Onion, often growing 6 to 8 inches long, and of mild flavor. Qt. (1 lb.) 25 cts.

White Sets (Silverskin). They produce good large mature Onions of fine quality. Qt. (1 lb.) 25 cts.

Ebenezer or Japanese Sets. By the use of these Sets, Onions of the finest quality can be raised.

SPECIAL LOW PRICE ON ABOVE ONIONS,
except as noted: Qt. (1 lb.) 20 cts., pk. (8 lbs.) \$1.10.
Quantity price on request. If by mail, add 10 cts. for first quart, 2 cts. for each additional quart for postage.

Parsley

Champion Moss Curled. The deep green leaves are very finely cut. Pkt. 10 cts., oz. 15 cts., $\frac{1}{2}$ lb. 45 cts., lb. \$1.25.

Hamburg (Turnip-rooted). Used for flavoring, etc. Pkt. 10 cts., oz. 15 cts., $\frac{1}{2}$ lb. 45 cts.

Pepper

One ounce will produce 1,500 plants

Burpee's Sunnybrook. Sweetest of all Peppers.
Pimento, or "Sweet-Meat Glory."
Harris' Early Giant. The earliest of the large Peppers. Dwarf, compact grower.
Ohio Crimson Giant. Nearly as large as Chinese Giant, and much earlier.
Chinese Giant. Largest mild red Pepper.
Long Red Cayenne. A small, long, bright red sort.
SPECIAL LOW PRICES ON ABOVE PEPPERS:
 Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.65

Pumpkin

Connecticut Field. The popular field variety.
 Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 25 cts., lb. 50 cts.
King of the Mammoths. The giant Pumpkin.
Livingston's Cushaw. Mottled green and white.
Small Sugar. The popular pie Pumpkin.
Winter Luxury or Sugar Pie. Superior for pie.
SPECIAL LOW PRICES ON ABOVE PUMPKINS, except as noted: Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1

Parsnip

Hollow Crown. A large cropper, sugary. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. 90 cts.

Radishes

Scarlet Button. Forcing and open-ground Radish.
Long White Icicle. The finest white variety.
Early Scarlet Turnip, White-tipped.
Sparkler White-tipped. Very popular.
White Strasburg. Most popular summer sort.
Vick's Scarlet Globe. Globe-shaped; scarlet.
Cincinnati Market. Early; long; scarlet.
Crimson Giant. Best Radish for hot weather.
French Breakfast. Pink and white; olive-shaped.
Long Scarlet Short-Top. Most popular early.
Long White Lady Finger. Fine for summer.
Long Chartier. Tender and crisp; best for summer.
Long Black Spanish. For fall and winter.
Rose China Winter. For fall and winter use.
White Chinese or Celestial. For fall and winter.
SPECIAL LOW PRICE ON ABOVE RADISHES:
 Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 90 cts.

Squashes

Delicious. A fall-winter sort; top shaped.
Boston Marrow. Fine fall variety. Flesh yellow.
White Bush, Scalloped, or Patty Pan.
Golden Summer Crookneck. Summer variety.
Giant Summer Straightneck. Crookneck Squash but with a straight rather than a crooked neck.
Warted Hubbard. The standard Winter Squash.
Golden Hubbard. Earlier than Warted Hubbard.
Mammoth Chili. The largest variety.
SPECIAL LOW PRICE ON ABOVE SQUASHES:
 Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1

TOBACCO DUST

Save your Radishes and Turnips from worms. Strew it generously in the row before sowing. It acts as a repellent for many insects infesting the soil. Deserves much more general use. Dusted over Cucumbers, Melons and Squashes it helps greatly to rid these vines of the destructive bugs. Apply in the morning when the plants are covered with dew. **5 lbs. 35c., 25 lbs. \$1.25, 50 lbs. \$2, 100 lbs. \$3.75.** Postage extra.

Spinach

Long-standing Bloomsdale Savoy. Stands longer than Savoy-leaf and is much larger. Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 15 cts., lb. 35 cts.
New Zealand. Unlike true Spinach in type and in that it thrives on hot weather and in any soil. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Salsify or Oyster Plant

Mammoth Sandwich Island. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.25.

Tomato

Marglobe. Particularly resistant to diseases—leaf-spot, blight and others. Pkt. 10 cts., oz. 40 cts.
Break o'Day. The earliest, disease-resistant, globe-shaped, scarlet-fruited, meaty Tomato yet introduced. Pkt. 15 cts., $\frac{1}{2}$ oz. 60 cts., oz. \$1.
Crimson Cushion or Beefsteak. Crimson; extra large. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.
Ponderosa. Very large, solid and of good flavor. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.
Chalk's Early Jewel. Early; large; sweet flavor.
John Baer. An early, productive, red Tomato.
Matchless. Large, smooth, second-early.
New Stone. The heaviest and most solid Tomato.
Earliana, Extra-Early. A good cropper.
Bonny Best Early. Scarlet-red.
Golden Trophy, Pear-shaped Red and Pear-shaped Yellow, Red Cherry.
SPECIAL LOW PRICE ON ABOVE. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$3, except as noted

Turnip

Pkt. 5 cts., oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts., except where noted

Purple-Top Strap-Leaf. A popular sort.
Purple-Top White Globe. Best-known variety.
White Egg. Pure white; egg-shaped; early or late.
White Globe. White, round, large cropper.
Extra-Early White Milan. Both skin and flesh are pure white; flavor is mild and sweet. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. 75 cts.
Amber Globe. Flesh yellow and fine-grained.
Rutabaga, Improved American. Purple top; yellow skin. Oz. 10 cts., $\frac{1}{4}$ lb. 20 cts., lb. 50 cts.

Watermelon

One ounce will plant 50 hills

Cole's Early. Medium size; nearly round.
Fordhook Early. Nearly round; flesh bright red.
Kleckley Sweets or Monte Cristo. Oval shape.
Tom Watson. Long; flesh bright red.
Halbert Honey. Skin dark green. Very sweet.
SPECIAL LOW PRICES ON ABOVE WATERMELONS:
 Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 90 cts.

Herbs and Other Seeds

	Pkt.	Oz.
Anise. Used for flavoring.....	\$0 10	\$0 15
Basil, Sweet. Leaves used for flavoring	10	15
Caraway. Seeds used for flavoring...	10	15
Coriander. Seeds used for flavoring....	10	15
Dill. Used for flavoring pickles.....	10	15
Fennel, Sweet. Seeds aromatic.....	10	15
Kale. Used for greens.....	10	15
Leek. Used for flavoring.....	10	20
Marjoram, Sweet. For seasoning...	10	25
Sage. A highly aromatic herb.....	10	25
Saffron. Used for flavoring.....	10	25
Savory, Summer. For flavoring....	10	15
Thyme. Used as a seasoning.....	10	30

Farm Seeds

PRICES ON FARM SEEDS SUBJECT
TO MARKET CHANGES

All our tested farm seeds are sold under the provisions of the Pennsylvania Pure Seed Law

All of the highest quality and free from noxious weed seeds. Farm Seeds f.o.b. Williamsport, Pa. Bags free.

If wanted by parcel post, add postage, 7 cts. for the first pound, and 1 cent for every additional pound, within the First and Second Zones.

Clover, Medium Red. (U. S.-grown.) Highest quality. Lb. 25 cts., bus. (60 lbs.) \$12.

Clover, Mammoth. (U. S.-grown.) The Pea-vine Clover. Lb. 25 cts., bus. (60 lbs.) \$12.50.

Clover, Alfalfa Grimm. (Certified.) Suitable for eastern conditions. Lb. 25 cts., bus. (60 lbs.) \$16.75.

Clover, Alfalfa, Northwestern. (U. S.-grown.) Suitable for deep soils. Lb. 30 cts., bus. (60 lbs.) \$13.

Clover, Crimson. A good green-manure crop. Lb. 25 cts., bus. (60 lbs.) \$6.

Clover, Alsike. (U. S.-grown.) Companion crop with Medium Red. Lb. 25 cts., bus. (60 lbs.) \$11.50.

Clover, Sweet. (White Blossom.) Fine for hay and green manure. Lb. 15 cts., bus. (60 lbs.) \$5.50.

Clover, Sweet. (Yellow Blossom.) Smaller and finer leaved than the White. Lb. 15 cts., bus. (60 lbs.) \$6.

Timothy, Pine Tree Grade. 99.60 per cent pure seed. Lb. 10 cts., bus. (45 lbs.) \$3.50.

Sudan Grass. A valuable annual hay crop. Quick grower. Lb. 15 cts., bus. (40 lbs.) \$4.50.

Kentucky Blue Grass. For pasture and lawns. Lb. 25 cts., 10 lbs. or over at 22 cts. per lb.

Red-Top, Fancy. (Solid seed.) Used for pasture and lawns. Lb. 20 cts., 10 lbs. or over at 17 cts. per lb.

Orchard Grass. Suitable for shady pasture-lands. Lb. 15 cts., 10 lbs. or over at 12½ cts. per lb.

Dwarf Essex Rape. Valuable crop for poultry, sheep, and hogs. Lb. 15 cts., 10 lbs. or over at 12½ cts. per lb.

Millet, Tennessee Golden. A quick-catch hay-crop. Lb. 10 cts., bus. (48 lbs.) \$3.50.

Pasture Mixture. (Our formula.) Combined of hardy grasses. Lb. 25 cts., bus. (30 lbs.) \$7.

Canada Field Peas. Peas and oats make the best summer feed. Lb. 7 cts., bus. (60 lbs.) \$3.75.

Barley, Alpha Two-rowed. A late variety sown with oats. Lb. 5 cts., bus. (48 lbs.) \$1.50.

Seed Oats, Swedish Select. A high-yielding popular Oat. Bus. (32 lbs.) \$1.

Seed Oats. (Local grown.) Seed that has been grown locally. Bus. (32 lbs.) 75 cts.

Seed Corn, West Branch Sweepstakes. Makes the best silage for the North. Pk. 75 cts., bus. (56 lbs.) \$2.

Seed Corn, Quenshenaque Yellow Dent. An early Dent variety. Pk. 60 cts., bus. \$1.75.

Seed Corn, White-Cap Yellow Dent. A standard Dent Corn. Pk. 60 cts., bus. \$1.75.

Seed Corn, Lancaster Sure Crop. For grain and silage. Pk. 75 cts., bus. \$2.25.

Seed Corn, Eureka Ensilage. The largest growing silage Corn. Pk. 75 cts., bus. \$2.50.

Seed Corn, Blue Ridge Ensilage. Earlier than Eureka. Pk. 75 cts., bus. \$2.50.

Potatoes, Irish Cobbler and Rural Russets. (Inspected and certified.) Pk. 50 cts., bus. \$1.50.

Potatoes, Bliss Triumph (Red Bliss) and Early Ohio. Pk. 50 cts., bus. \$1.50.

Berry, Fruit, and Other Garden Supplies

Strawberry Baskets. 1-qt. size, 90 cts. per 100; \$3.50 for carton of 500.

Peach and Tomato Baskets. 16-qt. size, 7 cts. each, \$5.75 per 100.

Tills. 4-qt. for fruit and pansy baskets, 3 cts. each, \$5 per crate of 250.

Hot Kaps. For early forcing. \$1.50 per 100 (postpaid \$1.05); 250, including special Setter, \$4 (postpaid \$4.25); \$11 per 1,000 (postpaid \$11.35).

Cel-O-Glass. For hotbed coverings and poultry buildings. \$1.25 per sq. yd.; 5 yds. or more, \$1.22 per yd. Postage, 1 yd. 10 cts., each additional yd. 2 cts.

Glass Cloth. 35 cts. per sq. yd.; 10 yds. or more, 30 cts. per yd.

Celery Cuffs. For blanching celery. 25 cts. per doz., \$1.50 per 100.

Cyclone Seed Sower. \$2 (postpaid \$2.25).

Wire Stake and Label Holder. 20-in., galvanized, 30 cts. per doz., \$2.25 per 100.

Plant Labels. Waterproof cloth. 6-in., 20 cts. per doz., \$1.40 per 100.

Dibbers. For transplanting plants. Brass Point, 85 cts.; Steel Point, 65 cts.; Iron Handle and Point, 75 cts. (Postage 10 cts. extra.)

Planet Jr. Garden Tools. Illustrated Catalogue on request.

Barker Weeders and Cultivators. Illustrated Catalogue on request.

Power Cultivators, Gravely. Illustrated Catalogue on request.

Bee Supplies. A. I. Root's Quality Bee Supply Catalogue on request.

Dairy Supplies

Milk Bottles. Quarts, 70 cts. per doz., \$7.40 per gross; pints, 55 cts. per doz., \$6.35 per gross; ½ pints, 45 cts. per doz., \$5.25 per gross; 10-gross lots, 25 cts. less per gross; 25-gross lots, 50 cts. less per gross; Name Plates on milk bottles, \$2.50 for each size.

Milk Bottle Caps, in Tubes of 500, 35 cts. (postpaid 45 cts.); 50,000 in Tubes, \$21.

Milk Bottle Cases. Quart Standard (holds 12) \$1.75; Pint Standard (holds 20) \$1.75; ½-Pint Standard (holds 20) \$2.25.

Milk Cans 20-qt. 30-qt. 40-qt.
New York Pattern.....\$3 25 \$4 00 \$4 25
Cleveland Pattern..... 3 25 4 00 4 25
Tiger Pattern..... 3 00 3 50 4 00

Milk Pails. 14-qt., \$1.10. Lisk Heavy-Duty, 12-qt., \$2.15.

Milk Strainers, Lisk Quality Sanitary. \$1.75.

Bottle Carriers. Pint or Quart size, \$2.

Cream Separator Cans with Spigot. 20-qt. \$2.50.

Snag-Proof Rubber Aprons, Extra Heavy. \$2.50.

Cotton Pads for Strainers. 100 postpaid, 75 cts.; 300, \$1.75.

Champion Milk Coolers. No. 2, \$9; No. 3, \$11; No. 4, \$14.

Bottle Brushes, Hand. 10-in. handle, 50 cts.

Machine. Short handle, 50 cts.

Milk-Can Brushes, Jersey Ox-fiber. 50 cts.

Gong Ox-fiber. 50 cts.

Wyandotte Cleaner and Cleanser. 5-lb. bag, postpaid 55 cts.; keg (80 lbs.) \$4.89.

Wyandotte Alkali Special Five Star. 100-lb. keg \$6.15, 375-lb. bbl. \$20.

D-B Sterilizer and Deodorant. Qt. 75 cts., gal. \$1.75.

Teat Dilators, Dr. Naylor Medicated. \$1.

Teat Tubes, German Silver. 25 cts.

Specialty Hand Bottle Capper. \$25 each.

Wood, Brass-pointed Measuring-stick. \$1 each.

Milk-stirrers. 65 cts. each.



Take an iron-toothed rake and rake the fertilizer thoroughly into the soil

VIGORO AND **SACCO**

TRADE MARK

REGISTERED

THE MAGIC PLANT-GROWERS

The Two Complete Plant-Foods
Both of Equal Value

Specially prepared; proved and reliable—clean, odorless, and economical. A square meal for lawns and flowers is 4 pounds Sacco or Vigoro per 100 square feet (10 x 10 feet). A light application once or twice a year will keep the lawn, garden, etc., growing in excellent condition.

5-lb. bag 50c., ppd. 65c.; 10-lb. bag 85c., ppd. \$1.05; 25-lb. bag \$1.75; 50-lb. bag \$3; 100-lb. bag \$5

NITRATE OF SODA. This is the most soluble and quickly available form of nitrogen or ammonia. 1½ lbs. 15 cts., 2½ lbs. 25 cts., 5 lbs. 45 cts., 10 lbs. 75 cts., 25 lbs. \$1.25, 100 lbs. \$3.50.

SULPHATE OF AMMONIA. It is entirely soluble and is immediate in its action. Lb. 10 cts., 2½ lbs. 25 cts., 5 lbs. 45 cts., 10 lbs. 75 cts., 25 lbs. \$1.25, 100 lbs. \$3.50.

ALUMINUM SULPHATE. Makes soil acid, and for this purpose is much used in the culture of rhododendrons and similar plants. 5 lbs. 75 cts., 10 lbs. \$1.25, 25 lbs. \$2.50, 100 lbs. \$7.50.

BONE-MEAL. Pure ground bone. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 75 cts., 50 lbs. \$1.40, 100 lbs. \$2.75.

PULVERIZED SHEEP MANURE. Useful for lawns, vegetables, flowers, shrubs, and trees. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 75 cts., 50 lbs. \$1.40, 100 lbs. \$2.75.

CATTLE MANURE. (Pulverized or Shredded.) A valuable fertilizer for the garden; carefully prepared by drying and screening. In 100-lb. bags only, \$2.75 each, 500 lbs. \$12.50.

SPECIAL GARDEN FERTILIZER. (4-8-7.) Contains .4 per cent ammonia, 8 per cent phosphoric acid, and 7 per cent potash. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 75 cts., 50 lbs. \$1.40, 100 lbs. \$2.75, ton (in 100-lb. bags), price on request.

POTATO GUANO. (3-10-6.) A garden and potato fertilizer for the market and home-garden. Lb. 10 cts., 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 75 cts., 50 lbs. \$1.40, 100 lbs. \$2.50.

BLOOD, DRIED. Adds nitrogen and a small amount of phosphoric acid and lime; much used for greenhouse plants, carnations, roses, and the like. Acts quickly. 5 lbs. 75 cts., 10 lbs. \$1.25, 25 lbs. \$2.25, 50 lbs. \$3.75, 100 lbs. \$6.

ACID PHOSPHATE (20 per cent). 100 lbs. \$1.50, 167 lbs. (original bags) \$2.25.

CORN FERTILIZER. (2-8-10.) An excellent fertilizer for potatoes, corn, and small grains. Bag (100 lbs.) \$2.50.

GRAIN FERTILIZER. (1-9-4.) A complete fertilizer that is used successfully and with good results on small grains, especially on land that has received application of stable manure and lime. Bag (100 lbs.) \$2, ton \$30.

COTTONSEED MEAL. Rich in nitrogen and potash. Most largely used on lawns. 5 lbs. 25 cts., 10 lbs. 45 cts., 25 lbs. 75 cts., 50 lbs. \$1.40, 100 lbs. \$2.50.

LAND SALT. 10 lbs. 25 cts., 25 lbs. 50 cts., 50 lbs. 65 cts., 100 lbs. \$1, ton \$20.

HYDRATED LIME (Powdered). Especially prepared for the lawn and garden. 10 lbs. 25 cts., bag (50 lbs.) 60 cts.

ADCO. Converts straw, corn-stalks, dry leaves, and garden refuse into artificial manure. 25-lb. bag \$2 (postpaid \$2.35). Circular on request.

PEAT MOSS. An excellent substitute for manure, and the one best material for mulching all plants and improving the texture of the soil. Trial bag (over 1 bus.) \$1, (postpaid \$1.20); large bale (8 bus.), will cover 240 sq. ft. 1 in. thick, \$3.50.

The Part Fertilizers Play in the Development of Plants

Fertilizers are the bread, meat, and milk in the diet of plants. There is nothing mysterious about fertilizers. Plants must be fed. If the soil in which they are grown is deficient in plant-food, it must be supplied, and in such quantities as the plant can assimilate.

Commercial fertilizers are sold upon the analysis of plant-food they contain, the condition, mixing, and age of the material entering their composition.

The three principal plant-food elements contained in fertilizers are nitrogen, phosphoric acid, and potash. Nitrogen (ammonia) induces a quick, luxuriant growth of stem and leaf. All leafy quick-growing plants require it in an abundant available form.

Phosphoric Acid induces extensive root-development, a profusion of stems and blossoms, hastens maturity, fills out grains and seeds, and causes the plant to have a strong, sturdy, healthy appearance.

Potash strengthens the structure of the plants, colors the fruit and flowers, helps the plant to ward off diseases, and improves the flavor and quality.

Remedies for Insects and Plant Diseases

NOTICE. Customer pays transportation. Poisons and liquids not mailable. Allow postage on mailable insecticides, if wanted by parcel post. * denotes materials containing poison.

- ***Antrol.** Destroys all species of sweet-eating ants. **Cottage Sets**, containing 4 glass containers and one 4-oz. bottle of syrup. Price, 95 cts.
- ***Ant Killer.** Very effective on lawns, around flower-beds, and the house. 50 cts.
- ***Acme Arsenate of Lead.** Can be used as dust or spray. $\frac{1}{2}$ -lb. can 30 cts., lb. can 45 cts., 4-lb. bag \$1, 100 lbs. \$15.
- Acme Bordeaux Mixture.** Prevents large losses caused by blight, rot, mildew, scab, and certain other fungous diseases. Lb. 40 cts., 4 lbs. \$1.15.
- ***Acme Bait-M.** For use against snails and cut-worms. 1-lb. can 35 cts.



- ***Black Leaf 40.** A concentrated solution of nicotine sulphate; an excellent spray for black aphid and sucking insects of all kinds. Full directions on each package. Oz. 35 cts., $\frac{1}{2}$ lb. \$1.25, lb. \$2.50, 2 lbs. \$3.75, 5 lbs. \$7, 10 lbs. \$11.85.
- ***Blue Stone** (Copper Sulphate). For making Bordeaux Mixture. Lb. 15 cts., 10 lbs. \$1.25, 100 lbs. \$7.
- ***Calcium Arsenate.** Lb. 25 cts., 4 lbs. 75 cts.
- ***Copper Solution Ammoniated.** Qt. \$1.25, gal. \$3.50.
- Crow Repellent.** Protects corn from rot and birds. Large can (enough for 2 bus. seed corn), \$1; small can (enough for 1 bus.), 65 cts., ppd.
- ***Cutworm Killer.** It attracts worms. 50 cts.
- Fish-Oil Soap.** A spray for insects and eggs on plants. Lb. 30 cts., 5 lbs. \$1.25, postage extra.
- Formalin** (40 per cent Formaldehyde). $\frac{1}{2}$ pt. 35 cts., pt. 50 cts., postage extra, 10 cts.
- Grafting Wax.** $\frac{1}{2}$ lb. 25 cts. (postpaid 30 cts.), lb. 45 cts. (postpaid 50 cts.).
- Kerosene Miscible Oil.** Valuable against all soft-bodied insects. Pt. 50 cts., qt. 75 cts.
- Lime-Sulphur Solution.** For destroying San José scale. Qt. 50 cts., 1-gal. can 85 cts., 5-gal. can \$3.25, half-barrel (about 25 gals.) \$8.50, barrel (55 gals.) \$13.50.

- ***Mag-O-Tite.** Used extensively in the elimination of root maggots. 1-lb. tin 50 cts.

- ***Nico-Fume Liquid.** "Free Nicotine" for the control of aphids and thrips under glass. 8 lbs. \$10.85.

- ***Paris Green.** The strongest insect poison. $\frac{1}{4}$ lb. 20 cts., $\frac{1}{2}$ lb. 35 cts., lb. 50 cts., 5 lbs. \$2.25.

- ***Para-Dichlorobenzene** (Hookers Paricide). A successful remedy for controlling the peach borer. Lb. 50 cts., 5 lbs. \$2, 25 lbs. \$7, 50 lbs. \$13.

- Pyrethrol.** Recommended by the Japanese Beetle Laboratory for the destruction of the Japanese beetle. $\frac{1}{2}$ -lb. tins 50 cts., 2-lb. tins \$1.50, 10-lb. tins \$6.

- Pyrox** kills bugs, prevents blights, and increases yields. Lb. 50 cts., 5 lbs. \$1.75, 10 lbs. \$3, 25 lbs. \$6.25, 50 lbs. \$10.75, 100-lb. drum \$15.50. Cannot ship by parcel post.

Red Arrow Insect Spray. A non-poisonous, contact spray for the control of aphids. Oz. 35 cts., $\frac{3}{4}$ ozs. \$1, $\frac{1}{2}$ pt. \$1.75, qt. \$6, postpaid.

Kill-Pest. It kills the flies in the barn and keeps the cattle free from lice. Pt. 75 cts., qt. \$1.25, gal. \$3.50, 5 gals. \$15.

Scalecide. Best dormant spray for San Jose and Terrapin scales. Qt. 70 cts., gal. \$1.60, 5 gals. \$6, 15-gal. drum \$11.50, 30-gal. bbl. \$20, 50-gal. bbl. \$25. Drums extra and returnable.

***Snarol.** Effective bait for slugs. Lb. 45 cts.

Spray Lime. Pebble Lime for mixing in Bordeaux Mixture. Steel drum (192 lbs.) \$3.50.

Sulfocide. A summer spray on peach and other stone fruits. Pt. 70 cts., qt. \$1, gal. \$2.75, 5 gals. \$8.75.

Sulphur, Powdered. Lb. 5 cts., 100 lbs. \$3.25.

Sulphur, Superfine. Of superior quality for dusting and spraying. Lb. 6 cts., 100 lbs. \$4.

Tobacco Dust, Fine. For insects in the ground and around roots. Lb. 10 cts., 5 lbs. 35 cts., 100 lbs. \$3.75.

Tobacco Powder. For the control of round worms in poultry. Lb. 15 cts., 10 lbs. \$1, 100 lbs. \$7.50.

Volck. Controls red spider, mites, white flies, scales, aphids, etc. $\frac{1}{2}$ pt. 50 cts., pt. 75 cts., qt. \$1.

Weed and Ivy Killer. Qt. 60 cts., $\frac{1}{2}$ gal. \$1.

Carbola. As a dust it is recommended for vegetable and flower-garden. 5 lbs. 75 cts. (postpaid 90 cts.), 10 lbs. \$1.25 (postpaid \$1.45), 50 lbs. \$5.

Cyanogas. "G" grade for greenhouse fumigation. 5 lbs. \$3, 25 lbs. \$10.

Cyanogas. "A" dust for the control of ants, rats, etc. 1-lb. can 75 cts. Interesting circulars on request.

Corona Coppercarb. For treating wheat smut. 5-lb. carton (will dust 25 bus.), \$1.

Hellebore, Powdered White. Can be used as a powder or dissolved. $\frac{1}{2}$ lb. 35 cts., lb. 60 cts.

Kayso. Spreads the spray and makes it stick. $\frac{1}{2}$ lb. 15 cts., 10 lbs. \$2.50.

***Niagara A-1 Mixture.** For the control of aphids. Lb. 25 cts., 10 lbs. \$1.80, 100 lbs. \$16.50.

***Niagara Copodust.** A copper fungicide without poison. Lb. 15 cts., 10 lbs. \$1.50, 100-lb. drum \$10.

***Niagara Copotex.** Copper-lime dust with poison. Lb. 20 cts., 10 lbs. \$1.50, 100-lb. drum \$12.

***Niagara Kolodust.** A sulphur fungicide. Lb. 10 cts., 10 lbs. 75 cts., 100 lbs. \$6.50.

***Pomo-Green.** Leaf-Green Kolodust. Lb. 50 cts.

***Slug Shot.** A non-poisonous powder insecticide. 1-lb. carton 20 cts. (postpaid 30 cts.), 5 lbs. 60 cts. (postpaid 75 cts.), 10 lbs. \$1.10.

***Semesan.** Cleanse seeds of fungous diseases before planting. 2 ozs. 50 cts., lb. \$2.75, 5 lbs. \$13.

***Semesan Jr.** The dust disinfectant for seed, field and sweet corn. 4 ozs. 50 cts., lb. \$1.75, 5 lbs. \$8.

***Semesan Bel.** Dip treatment for white and sweet seed potatoes. 4 ozs. 50 cts., lb. \$1.75, 5 lbs. \$8.

Insecticides containing poisons cannot be sent through the mails. Except where the postpaid prices are given, they must be sent by express or freight.

CHAAPEL'S

Official State Supervised Blood-tested

BABY CHICKS

In offering our customers Virginia and Pennsylvania State Supervised Chicks from officially blood-tested flocks, we believe we have the best Chicks obtainable.

Official State Supervised Blood-tested Baby Chicks

Price-List—February 1 to May 10, 1932

After May 10, write for special prices

	25	50	100	500	1,000
S. C. White Leghorns, Blood-tested.....	\$3 75	\$7 00	\$13 00	\$63 00	\$120 00
S. C. Rhode Island Reds, Blood-tested.....	4 00	7 50	14 00	68 00	130 00
Barred Plymouth Rocks, Blood-tested.....	4 00	7 50	14 00	68 00	130 00
White Plymouth Rocks, Blood-tested.....	4 00	7 50	14 00	68 00	130 00
White Wyandottes, Blood-tested.....	4 25	8 00	15 00	73 00	140 00
Black Minoreas, Blood-tested.....	4 00	7 50	14 00	68 00	130 00

We pay the Parcel Post, including the Special Handling charge, and guarantee one hundred per cent safe arrival.

Send order with full remittance in bank check, post office money order, or draft. We cannot ship Chicks C. O. D.

Please indicate when you want shipments made. We do not ship less than 25 Chicks of any one variety.

Use the Order Sheet and Envelope combined—it's convenient.

Place your Chicks under brooder with a temperature from 85 to 90 degrees. REMEMBER, for the first ten days heat to BABY CHICKS is as necessary as FOOD

Poultry Feed and Supplies

We carry a full line of Pratt Food Company feeds, including Buttermilk Starting Mash, Buttermilk Growing Mash, 20 per cent Laying Mash, Large Scratch Feed, Intermediate Scratch, Chick Scratch, Turkey Mash, Fattening Mash, and all other poultry supplies. All size packages. Market price.

Rabbit Feed and Supplies

Pratt's Rabbit Pellets, Rolled Oats, Oat Groats, Clover Hay, etc.
Caldwell Rabbit Remedies.
Feed and Water Crocks.
Rabbit Mineral Spools.
Market price.

Pigeon Feed and Supplies

Pratt's Pigeon Feed, either no corn, or with Flint corn.
Canada Peas, Hemp, etc.
Red Cross Pigeon Grit.
Market price.

Supervised Blood-tested Chicks

Our Supervised Blood-tested Chicks are produced from flocks in which every breeder is a high producer, and is blood-tested by licensed state officials for bacillary white diarrhea.

Chicks produced under these requirements and regulations have a better chance to live, develop normally, and mature to profit-paying flocks than those produced under less exacting requirements.

If you want quality Chicks, buy our Blood-tested State Supervised Baby Chicks.

Poultry Feeders, Fountains, Etc.

Baby Chick Fountain. Gal. size 50 cts. (postpaid 60 cts.).
Buttermilk Feeders. Gal. size 50 cts. (postpaid 60 cts.).
Chick Fountain. Used with Mason jar. 15 cts., 3 for 35 cts.
Star Chick Fountain. Qt.-jar size, 10 cts. each, 3 for 25 cts.
Royal Chick Trough. 24-in., 25 cts. (postpaid 35 cts.).
Wire Top Chick Trough. 24-in., 50 cts. (postpaid 60 cts.); 36-in., 65 cts. (postpaid 80 cts.).
Chick Hopper. 24-in., \$1.20 (postpaid \$1.45); 36-in., \$1.75 (postpaid \$2).
Grit and Shell Box, Chick Size. 75 cts. **Poultry Size,** \$1.
Poultry Punches, 25 and 50 cts., postpaid.
Celluloid Spiral Leg Bands. All colors and sizes. Doz. 10 cts., 50 for 30 cts., postpaid.
Metal Egg-Crates. 2-doz. size, \$1.50; 6-doz. size, \$2.50.



GAINES MEAT AND MILK COOKED MEAL

The Original Vitamin-Complete Food

You'll find VYLAETOS only in Gaines Food—the modern combination of meat, milk, vegetables, cereals, and minerals. This food is highly concentrated, and now that all the nutritive elements are made available through the ferments of VYLAETOS, it is truer than ever before that "a pound goes a long way." 5 lbs. 60 cts.; 10 lbs. \$1; 25 lbs. \$2; 100 lbs. \$6.

Balanced Foods for Dogs

Ken-L-Ration, The Dog-Food Supreme

A complete food, requiring no preparation whatever. It is a balanced food and you cannot improve it by adding thereto. Open a can and serve on clean paper or dish. It is rich in meat, cereal, ground bone, and cod-liver oil. It is not a fattening food, but will keep your dog in perfect health and condition if fed regularly. **Ken-L-Ration** is now so well known as to make a further description quite needless. Feed this product and dog owning becomes a pleasure. 1-lb. can, 15 cts., 2 cans, 25 cts. (ppd. 35 cts.); 8 cans, \$1 (ppd. \$1.20); case, 48 1-lb. cans, \$6.

Pup-E-Ration

Contains red meat, organic iron, calcium phosphate, Norwegian cod-liver oil and marrow-fat—the elements necessary for growth of body, bone, and coat. This is a perfect food for puppies. 1-lb. can, 15 cts. (ppd. 25 cts.); 7 cans, \$1 (ppd. \$1.20); case, 48 1-lb. cans, \$6.24.

Chappel's Dog Biskit

The Golden Flakes, Cakes, and Crumbs of Energy

Chappel's **Kib-L-Biskit**, **Ken-L-Biskit** and **Pup-E-Crumbles**, are as near perfectly balanced as it is possible to produce in dry form. These foods are made from first clear wheat flour, fresh wholesome meat, egg yolk and cod-liver oil. Every element used in its manufacture is rich in food value and for that reason you will require a less amount of this food in general feeding than you have been accustomed to, when using ordinary dog biscuit. Carton 30 cts. (ppd. 40 cts.); 5 lbs. 65 cts. (ppd. 80 cts.); 25 lbs. \$2.75 (ppd. \$3.10); 100 lbs. \$10.

Glover's Dog Medicines

	Per Bottle	Per Bottle	Per Box ppd
Mange Medicine	\$0 50	\$0 50	\$0 50
Diarrhea Medicine	50	50	50
Vermifuge	50	50	25
Spohn's Compound	50	50	50

Free Book on Diseases of the Dog and How to Feed, on request

Pulvex

Kills the fleas instead of stupefying them, and keeps them off 7 to 14 days afterward. It is ideal for cats. Ordinary flea powders often make a cat sick from licking itself, but Pulvex will positively not do this; neither will it irritate the skin. It is inexpensive too, for, being fluffy, Pulvex goes further than the ordinary flea powder and therefore is cheaper. 50 cts.

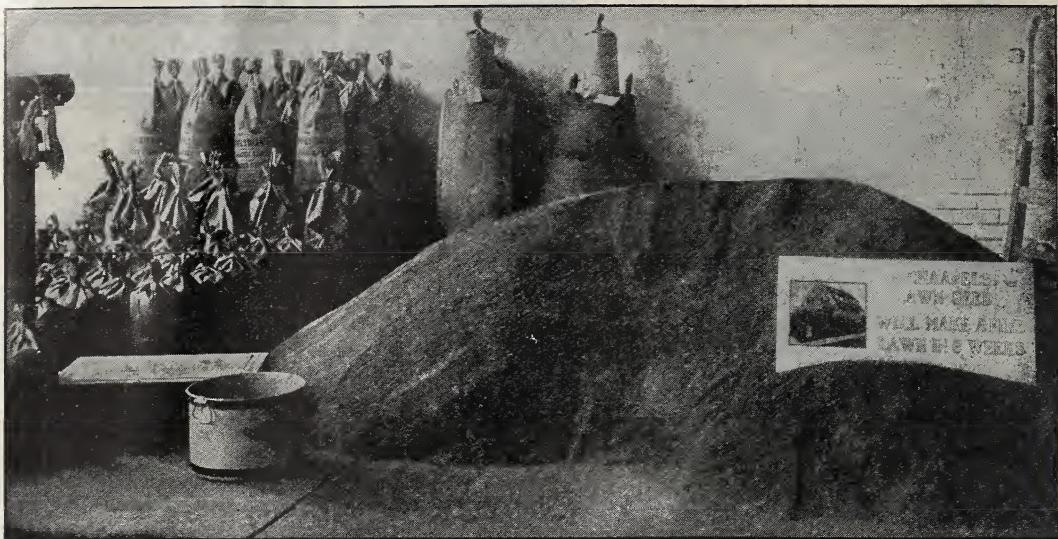
Kow-Kare, The Great Cow Medicine

Most dairy cow ailments are simple if the source of the trouble is reached. If the organs of production or reproduction are not doing their duty, try Kow-Kare—the medicine for run-down cows. It is especially recommended for the prevention and cure of Abortion, Barrenness, Milk Fever, Scouring,

Lost Appetite. Small 50 cts. (postpaid 60 cts.); large \$1 (postpaid \$1.15). **Garget Remedy**, 50 cts. (postpaid 60 cts.). **Bag Balm**, 50 cts. (postpaid 60 cts.).



Have a Better Lawn This Year



A pile of Chaapel's Lawn Seed mixed for our trade

Chaapel's Clover Lawn Grass Seed

Recleaned and tested seed, weighing 30 pounds to the bushel

Our mixture absolutely can be relied on as being made up of the finest quality of grass seed obtainable, free from weed seeds, and of the very best and highest germinating qualities. It is a special mixture of grasses that do best in our soils. The increasing demand for a lawn seed having a larger proportion of White Clover induced us to offer this mixture which contains a most liberal quantity of best recleaned White Clover. While primarily made up for normal locations, it contains certain grasses that will thrive in partially shady places. Sow 1 quart to 200 square feet (10 x 20 ft.). Pt. 15 cts., qt. 30 cts., 2 qts. 55 cts., 4 qts. \$1, pk. \$1.75, bus. (30 lbs.) \$7, 100-lb. lots or over, 28 cts. per lb. Postage extra.

Chaapel's Shadygreen Lawn Seed

While it is impossible to maintain a permanent lawn in certain shady locations, such as under soft maple trees, we have combined in this mixture certain grasses that are more resistant to these harsh conditions. We recommend this mixture to be especially prepared for shady locations. Sow 1 quart to 200 square feet (10 x 20 ft.). Qt. 50 cts., 2 qts. 95 cts., 4 qts. \$1.50, pk. (6½ lbs.) \$2.75, bus. (25 lbs.) \$10.

FANCY WHITE CLOVER. Fine for new or old lawns; easy to grow. ¼ lb. 15 cts., lb. 50 cts., postpaid.

Chaapel's Lawn Grass Seeds

Besides supplying lawn seeds for the home, mixed from the best grasses obtainable for your locality, we specialize in supplying grass seed for private estates, public parks, and golf-courses, either after our own or individual formulas. Our genuine Bent Grass is unsurpassed for putting-greens and other places where landscape architects specify it. Correspondence solicited. Quantity quotation on request. Ask for our leaflet "A Few Suggestions on Lawn Making."

Fertilizers are necessary in making a good lawn

CHAAPEL'S SEED STORE

- - -

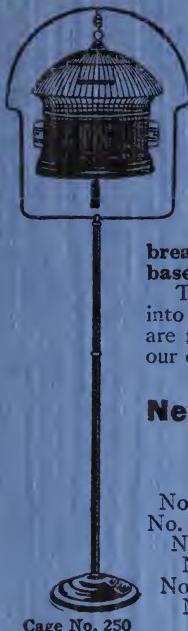
Williamsport, Pa.

Bird-Cages and Supplies

The Hendryx Cages illustrated are of du Pont Duco colors and brass

These Cages have a solid brass body, brass wire seed-guard, and brass top piece. The wires are of spring brass, riveted to **three cross-rails**. The collar and base are made of sheet metal which has a heavy coating of lead as a protection against rust. Self-locking base hooks. The top piece and base are finished with genuine du Pont Duco in Red, Green, or Blue, and the body is finished in satin-dip brass. Each Cage is equipped with three perches, swing, and **non-breakable pyroxylite seed-cups, colored to match base of Cage.**

They are very attractive, easily kept clean, and blend into other house furnishings. Our Cages are superior. They are made of the finest materials and workmanship. Even our cheapest Cages look well and will give good service.



Cage No. 250
Stand No. 63



Cage No. 2040
Stand No. 34



Cage No. 2055DB
Stand No. S2055

New Style Hendryx Cages finished in du Pont Duco colors

Brass trimmings, wire guards

No. 2055DB.	Cage. Two-tone; draw-bottom.....	\$6 50
No. S2055.	Stand. Full circle, to match.....	3 50
No. 250.	Cage. Two-tone; draw-bottom.....	6 25
No. 63.	Stand. Full circle, to match.....	3 25
No. 2040.	Cage. Two-color Duco; draw-bottom.	6 50
No. 34.	Stand. Two-color, to match.....	3 50

Many other styles in stock

Bird Supplies

Insect Powder Gun. Empty, 15 cts.; with Pulpex Powder, 35 cts.

Pulpex Mite Powder. 25 cts.

Cage Springs, Brass. Two sizes, 15 and 20 cts.

Swinging Hooks, Brass. 12-inch, 35 cts.

Seed- and Water-Cups, Opal. Open or closed top, 15 cts.; unbreakable Duco colors, 25 cts.

Bird-Baths, Opal. 2 sizes, 15 and 20 cts.

Bird-Bath-House. White, Red, Blue, Green, Brass, 75 cts.

Bird Charm Bells. 15 cts.

Chaapel's Bird Seed. Selected mixed seed. 1-lb. carton 20 cts., 5 lbs. 75 cts.

Chaapel's Bird Gravel. Red or Silver. Carton 15c.

Chaapel's Canary Seed. Plain for Parokets. Lb. 20 cts., 5 lbs. 75 cts.

Chaapel's Sunflower Seed. Selected for Parrots. Lb. 20 cts., 2 lbs. 35 cts., 5 lbs. 75 cts.

Chaapel's Hemp Seed. Recleaned. Lb. 15 cts.

Chaapel's Rape Seed, Sweet German. Lb. 15 cts.

Song Food, Burnett's. 30 cts.

Song Restorer, Drahota's German. 25 cts.

Bird Pep. For Canaries. 15 cts., 2 for 25 cts.

Bird Manna. For Canaries. 15 cts.

Bird Bitters Health Tonic. 25 cts.

Bird Salve. For sore feet. 15 cts.

Bird Balm. For bald spots. 15 cts.

Bird Nesting Hair. For nests. 10 cts.

Bird Cuttle-Bone. In carton. 10 cts.

Bird Mite Powder. Controls mites. 25 cts.

Fulldsong Health and Song Restorer. 25 cts.

Fulldsong Bird Peppers. For moulting, cold, and asthma. 25 cts.

Fulldsong Vitamin Seed. Tonic. 25 cts.

Fulldsong Color Food. For pepper-fed birds. 25c.

Fulldsong Feather-pulling Remedy. 25 cts.

Fulldsong Moultling Food. 25 cts.

Fulldsong Regulator. Bird conditioner. 25 cts.

Fulldsong Nestling Food. 25 cts.

Fulldsong Health Grit and Charcoal. 35 cts.



Singing Canary Birds

Can you think of anything that would give your family or friends more real enjoyment? Every bird is carefully selected for song, and satisfaction guaranteed.

Birds can be shipped by express only

Chopper Canaries (Male), \$4 each

BIRD SUPPLIES, continued

Fulldsong Bird Bitters. Health tonic. 25 cts.

Fulldsong Bird Tonic. Health tonic. 25 cts.

Fulldsong Foot Ease and Scale Remedy. 25 cts.

Fish-Food

Fish-Food Wafers. 10 cts.

Fish-Food, Natural. 10 cts.

Turtle-Food. Contains ant-eggs. 15 cts.

Parrot-Feed

Sunflower. Selected for Parrots. Lb. 20 cts., 2 lbs. 35 cts., 5 lbs. 75 cts.

Parrot-Food Mixed. Bottle 25 cts.

Polly Nut Mixture, Burnett's. 25 cts.

Parrot Grit, Bone-Bullder. 35 cts.

Parrot Tonic. For colds. 25 cts.

GARDEN, FARM & FLOWER SEEDS

CHAAPEL'S
SEED
STORE

39 EAST THIRD STREET

WILLIAMSPORT, PA.



1932
In Business
Fifty-five Years